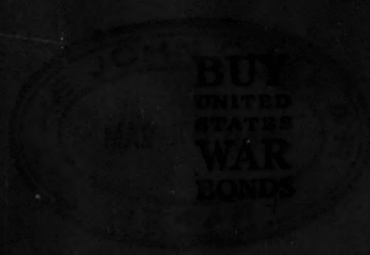


PRICE



# Oral Hygiene

SEPTEMBER 1943

Gov. C. East, D.D.S., Governor of Wyoming

WAY IN  
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*Care for the*  
**INSTRUMENTS**  
*You Cannot*  
**REPLACE**

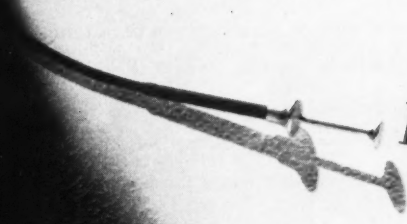
REMEMBER that sharpening necessarily removes the plating from the cutting edges of cavity preparation instruments, scalers, chisels and all instruments used for cutting.

GUARD against the corrosion of the exposed steel when sterilizing and you will prevent the destruction of the instruments that are so necessary and so difficult to replace.



THE *Cleveland* DENTAL  
MANUFACTURING COMPANY  
CLEVELAND, OHIO • U. S. A.





**FOCUS**

*Oral Hygiene to me  
is like Reader's Digest  
for interesting news.*

A d--n good little book for  
odd moment reading. Many good  
ideas from it. Would miss it.  
Other dental magazines could  
learn something from it.

*→ certainly would not  
want to practice  
Dentistry without it.*

*To be real frank, I enjoy  
more than I do some of the  
cost me money.*

Focus is as important to advertising as it is to photography. That's why advertisers want to be sure that the medium they use is focused accurately on the people they are trying to reach.

Oral Hygiene checks and double-checks its "focus" on the dental profession, month by month, year after year, over all 48 states, to be sure that the ever-changing interests of *all* of the dentists are being anticipated by the editors of the magazine. It's a lot of painstaking, time-consuming work, but it's the only way we know to be sure we're publishing just the type of magazine which dentists want, and read, and keep for reference.

To ask some single group of dentists to act as advisors to our editors would be much easier and cheaper—but we cannot imagine any one group whose opinions would accurately reflect those of all dentists. There is Doctor Little in his crossroads village, and Doctor Big, specializing, in the city. There is Doctor New, just building his practice, and Doctor Old, almost ready to retire. How could any select group (even if they were the wisest and best men in the

*Enjoy Oral Hygiene and always have  
it handy to read between patients.*

Gentlemen: I read every article  
in Oral Hygiene, together with  
all the ads religiously, many  
of them not only once but sever-  
al times. Keep many for reference,  
enjoy them, and profit greatly.

*Oral Hygiene is by far  
best dental magazine  
type in the country.*

*This  
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with a  
interest.*

*Oral Hy  
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*read Oral  
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*This small digest  
facts & advertisements is  
with a lot to a country  
dentist.*

One of the best journals  
published. I read more of  
it than any other.

Oral Hygiene's about the only dental  
journal I find time to do a very good  
job of reading.

*A good magazine  
full of practical  
reading - more  
instruction than  
some I pay for*

*I enjoy  
some*

*Oral Hygiene covers every-  
thing that is of interest  
to dentists.*

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profession) tell us what all the little, big, new, and old dentists from coast to coast, want to read? We don't think they could, so we find out the hard way—we go directly to the individual dentists and ask *them* (a different group each month) . . . then we keep Oral Hygiene sharply focused on *the common interests of all of the dentists*.

That is why you can be *sure* that dentists read and respond to the pages of the magazine edited for *all* dentists.

# Oral Hygiene

THE **NOW** MAGAZINE OF THE DENTAL PROFESSION

P. S. Oral Hygiene has been a little surprised, itself, to find some dentists saying, in effect, "Your easy-reading, non-technical magazine is the only dental magazine I *do* read these busy war days. Can't get my mind on *heavy* reading."

*lar  
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ent*

*Average Practitioner  
gets more from it than  
other dental journals.*

*I read Oral Hygiene more  
than I do any other magazines*

Most information for less  
reading in Oral Hygiene--

*It is a good magazine  
that carries the other side  
of dental practice, & not  
just the methods*



**5 cents a year per  
dentist buys twelve  
double-page spreads  
in ORAL HYGIENE**

**DE**  
**for**  
• The  
at right  
device  
with N  
Floss f  
totape  
Dental



• The New Era Professional Floss Unit contains:

1. 150 yards of New Era Floss in glass container, with handy cutting device.
2. Two 150-yard refills of New Era Floss.

\$3.50 complete.



- Dentotape Flat Ribbon Floss in its new war package conserves metal, saves you 10%. Use as refill in your old tin container or in the Flossfont. Price reduced to \$1.35 for 100-yard size.



## DENTAL FLOSS AND TAPE

*for professional use*

• The J & J glass Floss font, shown at right, has a convenient cut-off device, and may be used either with New Era Floss or Dentotape. Floss font with 100 yards of Dentotape or 200 yards of New Era Dental Floss, complete, \$3.50.



J & J FLOSS FONT

DENTAL DIVISION

**Johnson & Johnson**  
NEW BRUNSWICK, N. J. CHICAGO, ILL.

# The Publisher's Corner

By Mass

Number 267



LIKE A RABBIT in a Victory garden, a human urge nibbles away at nearly everyone's soul—the urge to know “How am I doin’?”

A magazine is supposed to have a soul secreted somewhere in its arboreal anatomy, somewhere among the fibres of the wood pulp—the wood pulp that was once the skin and bones and liver and lights of a stately forest giant.

ORAL HYGIENE is no exception. This offspring of the murmuring pines and the hemlocks has a soul, too, or likes to fancy that it has, which comes to the same thing. Like most souls, ORAL HYGIENE's gets nibbled by the same yearn-

ing that nibbles your own psyche, and perennially wants to know “How am I doin’?”

Of course, here and there, now and then, there are people who answer before you ask them. They volunteer paeans of praise more soothing to the soul than any music. Much less frequently (one is happy to announce) somebody's voluntary cheer sounds suspiciously bronx—for example that of the reader who wrote recently that THE PUBLISHER'S CORNER in ORAL HYGIENE reminds him of Eleanor Roosevelt's “My Day,” adding that “of course, your col-

(Continued on page 1198)

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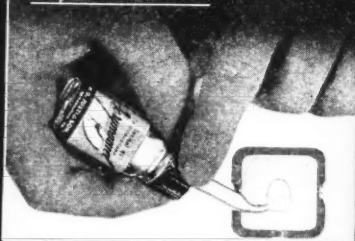


RIVETS TO ENSURE STRENGTH ..... *Vi-Penta Perles • Vi-Penta Drops 'ROCHE'*



# Better Products Better

The ACRYNAMEL "Dry-Pack" Technique is the simplest, most positive method of color control—it eliminates all possibility of contamination.



Ordinary restorative teeth transmit impact shock to the ridge—sore spots, absorption often occur.



DENTA PEARL teeth absorb impact shock.

Specify

FLUORESCENT

*Acrynamel*

embraces these exclusive features:

- 1) The "Dry-Pack" Technique.
- 2) Premixed gingival and incisal shades.
- 3) Natural Fluorescence—shade stability under all lighting conditions.

KITS: \$18.50 • \$30.00 • \$58.50

★ ★ ★

JUSTI-SERVICE: "Color Control, Color Matching and Tooth Blending" available on request.

*Film-Ac*

IMPROVED ACRYNAMEL SEPARATOR



... saves time—saves foil—gives a beautiful separation on full or partial dentures.

Specify

**DENTA PEARL  
PLASTIC TEETH**

... preserve:

- 1) Opposing natural teeth.
- 2) Peridental membrane.
- 3) Alveolar process.
- 4) Patient poise.

Justi Denta Pearl teeth are "truly kind to the tissues."

**JUSTI Products for Me**

H. D. JUSTI & SON, INC., PHILADELPHIA, PA. RELIA



# ...ts Better Dentistry

transmit  
sore spots

l teeth  
ect shock.



The only acrylic denture base  
with "tissue-lucence."\*



Specify

# Justi-Tone

CERTIFIED TO  
MEET A.D.A.  
SPECIFICATIONS

Support your efforts . . . supplant all substitutes . . . surpass expectations — specify JUSTI-TONE.

\* Tissue-lucence: the blended opacity, translucence, and color resulting in JUSTI-TONE'S natural, moist flesh tones.

#### TRIAL PACKAGE

Units ..... \$4.50  
1 Unit Standard tone, 1 Unit Light tone  
† 2 extra units of material—service boxes eliminated.

#### WAR PACKAGE

† 12 Units..... \$22.50  
Choice of Standard tone, Light tone or Clear

JUSTI-SERVICE: Data on packing acrylic dentures available on request.

*Naturally distinctive—distinctively Natural*

# or Modern Prosthetics

PAR RELIABLE DENTAL PRODUCTS SINCE 1864



**The**  
**DENTAL** *Sanette*  
**Has APPEARANCE,**  
**FINISH and UTILITY**  
**Found Only In**  
**FINE EQUIPMENT**

Dental Sanettes are accepted equipment today in modern operating rooms, reception rooms, offices, powder rooms and laboratories. Their professional design and hand-rubbed enamel finishes are in keeping with the finest dental chairs, cabinets and X-ray installations.

Model No. T-30 illustrated is 25 inches high and comes with a supply of Sanette Waxed Bag liners. Closed top models also available. Choice of Ivory Tan, Cream White or any special finish. 3, 5, 6, 7 and 10 gal. capacities. Send for circular and include dealer's name.

**MASTER METAL PRODUCTS, INC.**  
 313-J Chicago St. Buffalo 4, N. Y.

(Continued from page 1194)

umn was started first." He is invited to go climb a stately forest giant.

But the nibbled soul is not content to wait for voluntary answers. Thus for years, yielding to the importunities of ORAL HYGIENE's psyche, harking to its plea, we periodical peons here in the office have been in the habit of buttonholing readers across the country—asking them about every article and department. For a long time, the buttonholing was done by personal interviewers who established a pattern for the buttonholing.

Now, a larger cross-section group is questioned by mail each month with surprising success: ORAL HYGIENE readers sure are willing to answer a flock of questions, despite the time it takes. Their responses pile up on Dottie Sterling's desk. After each month's ballots are counted, Dottie gracefully swan-dives into the pile, emerging a spot bedraggled some time later with a netful of statistics. It takes around twenty typewritten pages to list her analysis.

The relative popularity of specific articles and departments is charted. The appeal of various types of articles is followed from month to month by this swan-diving lady bloodhound, who also computes the ebb and flow in the popularity of the various departments. The editors get the resulting statistics for their guidance.

But, best of all, the magazine's nibbled soul is petted into a state of sweet composure, what with so many answers to the question "How am I doin'?"

G-E ST  
 UP TO  
 IN WA

WAR DEPARTMENT  
OFFICE OF THE UNDER SECRETARY  
WASHINGTON, D. C.

17 July 1943

To the Men and Women  
of the General Electric X-Ray Corporation  
2021 West Jackson Boulevard  
Chicago, Illinois

I am pleased to inform you that you have won  
for the second time the Army-Navy Production Award for  
meritorious services on the production front.

You have continued to maintain the high stand-  
ard that you set for yourselves and which won you distinc-  
tion more than six months ago. You may well be proud of  
your achievement.

The White Star, which the renewal adds to your  
Army-Navy Production Award flag, is the symbol of appre-  
ciation from our Armed Forces for your continued and  
determined effort and patriotism.

Sincerely yours,

*R. P. Patterson*  
Robert P. Patterson  
Under Secretary of War

**G-E STANDARDS ARE SET  
UP TO BE MAINTAINED—  
IN WAR AND IN PEACE**



**GENERAL ELECTRIC  
X-RAY CORPORATION**

2012 JACKSON BLVD.

CHICAGO 113, ILL., U. S. A.

*Today's Best Buy — U. S. War Bonds*

# Quality

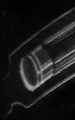
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2% Procaine  
with Epinephrin  
1:25,000



# 2

2% Procaine  
with Epinephrin  
1:50,000



# PR

A. PFING COO

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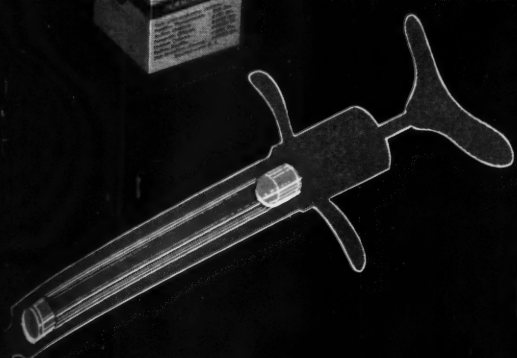
# NESTHETICS...

2% Procaine  
with  
Neo-Synephrin  
1:3,000

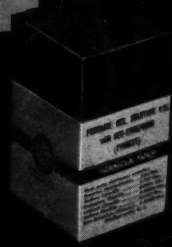


Here are four outstanding anesthetic solutions. All are made and packaged under stringent sanitary conditions—all solutions are subjected to routine tests series by our own staff and rechecked by an independent bacteriological laboratory.

There are no finer dental anesthetics than Pfingst Procaine solutions.



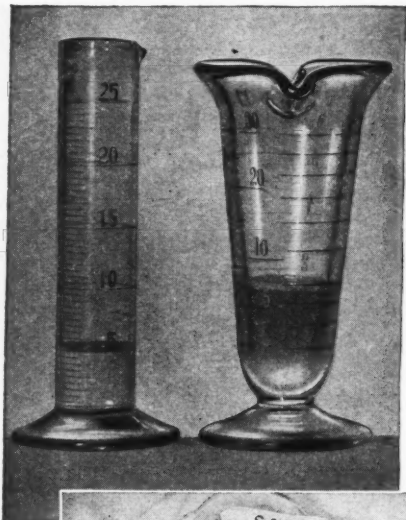
4% Procaine  
with  
Neo-Synephrin  
1:3,000



# PFINGST PROCAINE SOLUTIONS

FIN 2 COOPER SQ., NEW YORK

# HOW SAL HEPATICA INCREASES LIQUID BULK



**T**HE REPUTATION of Sal Hepatica as a mild yet thoroughly effective intestinal cleanser seems to grow brighter with passing time. It has long been known that Sal Hepatica flushes the intestines and initiates peristalsis through creation of temporarily unabsorbable liquid bulk in the bowel. New laboratory studies simply corroborate the literature on the "mechanism" of the action of Sal Hepatica salines. For example:

Sal Hepatica in laxative dilution was placed in one isolated canine ileal loop, a cathartic solution in another loop. After one hour in the peritoneal cavity, examination revealed that the laxative dilution of Sal Hepatica had gained 34% in volume, the cathartic dilution 204%.

Try Sal Hepatica when the patient requires a good laxative during your treatment of Peridontoclasia, Pulp Infection, Vincent's Angina, Chronic Abscesses, Retained Root Fragments and Sinus Involvement. . . Sal Hepatica makes a bubbling, pleasant drink. . . Literature upon request.

Graduate on left contains 5 cc. of Sal Hepatica solution as placed in ileal loop of dog. Graduate on right shows 6.7 cc. obtained after loop remained in peritoneal cavity for one hour. Inset depicts distended loops of dog's intestine filled with liquid bulk.

## SAL HEPATICA

SUPPLIES **LIQUID BULK** TO FLUSH  
THE INTESTINAL TRACT

Bristol-Myers Company, 19 L. West 50th St., New York, N. Y.



**STILL  
GOOD!**

**AFTER 35 YEARS OF SERVICE!**

### **and here's why—(1)**

The restoration above is shown by courtesy of Dr. B. H. Dunmire. After 35 years of service, it still looks as good as the day it was inserted — with *all the margins* still sound throughout.

Needless to say, it was made of Gold Foil. Needless to say, too, there are definite reasons why Gold Foil, and only Gold Foil, can last so long. They are now fully disclosed by recent scientific studies, which have authoritatively established the qualities requisite in a material for restoring teeth permanently.

First among them is that of *Indestructibility in the Fluids of the Mouth*, a requi-

site in which Gold Foil is supreme. It is impermeable to moisture and to microbes; is absolutely insoluble and non-oxidizable — hence restorations made with it neither disintegrate nor discolor.

Would you like information about Gold Foil *regularly* — as issued? Simply mail the lower portion of this page with your card or letterhead to Morgan, Hastings & Co., 817-21 Filbert Street, Philadelphia 7, Pa. — Established since 1820.

**GOLD FOIL**  
a lasting tribute  
to your skill!





# EFFICIENT MASTICATION

**TRUBYTE NEW HUE**  
TRUBYTE NEW HUE 20° DIATORIC S 67

M  
31L



TRUBYTE NEW HUE 20° DIATORIC S 67

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31L



**20° POSTERIOURS**

## THE SIGNIFICANCE OF YOUR SERVICE

**Without** teeth, there cannot be chewing.  
**Without** chewing, there cannot be digestion.  
**Without** digestion, there cannot be nourishment.  
**Without** nourishment, there cannot be health.  
**Without** health, what is life?

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MENT  
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A MUST

FOR WAR-TIME

EATING

NEVER have you had the chance to drive home the importance of mastication — and of teeth — that food conditions give you now.

The high energy fats and sugars are reduced in quantity. So are nourishing meats, eggs, fish and, perhaps, milk.

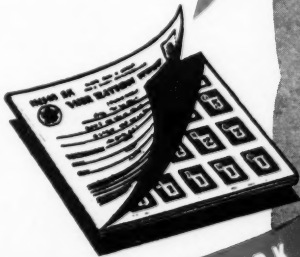
We shall have plenty of starches and vegetables. We must get from them every possible unit of nourishment and energy.

To get that energy, the starches must be masticated and insalivated. The vegetables must be triturated. Both requirements necessitate a complete equipment of posterior teeth in excellent working order. If the teeth are in bad condition or lacking, they must be repaired or replaced.

The replacement teeth must have the following qualities:

- They must be comfortable in wear and use.
- They must stabilize the restoration.
- They must have a broad food table to hold food to be triturated.
- They must be efficient in mastication.

These qualities demand Trubyte New Hue 20° Posteriors.



THE DENTISTS' SUPPLY COMPANY OF NEW YORK  
220 West 42nd Street  
New York, N. Y.

# Warrior

**T**HE military doctor of World War II — unarmed yet unafraid — moves up shoulder to shoulder with the combat troops. Bayonet charge . . . parachute landing . . . beach-storming . . . constantly, the medical officer proves that he is every inch a fighting man.

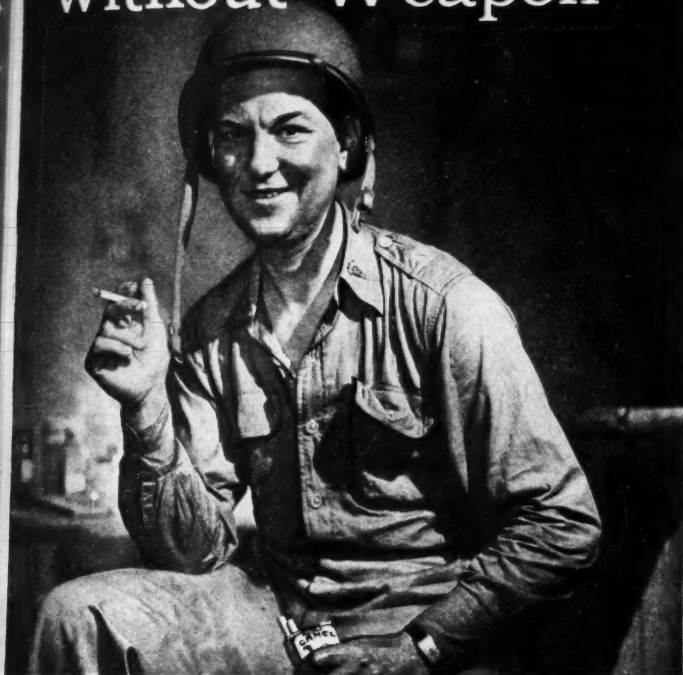
More than likely, he's a Camel smoker, too, for Camel's mellow mildness and smooth, comforting flavor quickly won it first choice in the armed forces.\*

Planning a gift for someone in service? Make it Camels . . . a carton . . . the *thoughtful* remembrance.



# Camel

without Weapon



1st in the Service

\* With men in the Army, the Navy, the Marine Corps, and the Coast Guard, the favorite cigarette is Camel. (Based on actual sales records.)

New reprints available on cigarette research—Archives of Otolaryngology, February, 1943, pp. 169-173—March, 1943, pp. 404-410. Camel Cigarettes, Medical Relations Division, One Pershing Square, New York 17, N. Y.

*Costlier Tobaccos*

# Save the Ridge!



THIS RIDGE COULD  
HAVE BEEN SAVED

THIS RIDGE  
WAS SAVED



The ridge is as important to a successful denture as the foundation is to a building!

Protect the ridge, while the patient is wearing a treatment denture, by cushioning the denture with a soothing, comfortable, long-lasting material . . . KONFORMAX REBASE.

Konformax Rebase flows smoothly and adapts itself to all contours and crevices of soft tissue without changing the vertical dimension. Additional Konformax Rebase may be added to the denture at any time to take care of changes due to normal absorption of tissue.

Hard-drying and heavy rebase linings will cause excessive absorption of the alveolar process. This is avoided by the use of Konformax Rebase.

WRITE FOR ILLUSTRATED FOLDER DESCRIBING "KONFORMAX REBASE AND REBASE ACCELERATOR".

Order through your Dental Supply House



KONFORMAX LABORATORIES, INC.  
1720 Avenue Y, Brooklyn, N. Y., U. S. A.



**"KERR NOW  
manufactures it too!"**

DOCTOR A:—"Have you heard that Kerr has now taken over the manufacture of Crystolex?"

DOCTOR B:—"But Kerr always did sponsor it."

DOCTOR A:—"That's right. They formulated it, and carefully checked it too. But now they're doing all the Crystolex production."

DOCTOR B:—"That means something to me. I use a lot of Kerr Products, and they're always good."

DOCTOR A:—"For that same reason I standardize on Crystolex. When Kerr builds it, it's bound to be absolutely tops."

DOCTOR B:—"Sounds reasonable to me too, Doctor."

**KERR**

*Crystolex*

## 28 WORDS

tell the story . . .

Clinical tests showed that when smokers changed to PHILIP MORRIS Cigarettes, every case of irritation of the nose and throat due to smoking cleared completely or definitely improved.

This is **WHY**  
so many



Dentists  
no longer **REFER**  
**FULL DENTURE WORK!**

**COE-TRANS**  
is so **EASY, QUICK,**  
**CLEAN and SURE to USE**

3

**SIMPLIFICATION**—Coe-Trans reduces impression procedure to 3 short, easy steps.

**CHEMO-SET**—Coe-Trans congeals (chemo-set). It does not become rigid. Impressions can be taken with any pressure desired.

**ACCURACY**—Coe-Trans reproduces finest detail, can be resealed as often as desired for corrections, additions, or muscle trim. It is quickly and easily softened by dry heat.

**PLEASANT**—Coe-Trans is agreeably flavored, is not sticky at seating consistency, eliminates gagging, and encourages patient cooperation.

*The Famous Coe Guarantee!*

Ask your dealer to send you a unit of COE-TRANS (chemo-set) Impression Paste at once. It doesn't cost one cent to try COE-TRANS! Take 7 or 8 impressions. Note improved results. But if you are not completely satisfied—return unused portion of package for full credit! Ask or write for illustrated booklet on COE-TRANS Simplified Impression Procedure. PRICE PER UNIT.....**\$3.00**

*a Product of*

**COE LABORATORIES, INC.**  
CHICAGO, ILLINOIS





## **4/2** *New User Package*

WITH TRIAL POWDER AND LIQUID

1 full portion powder each.

- No. 11 Pure White
- No. 12 Tooth Yellow
- No. 13 Incisal Gray
- No. 14 Gingival Brown

2 Bottles of Liquid  
also

- 1 Trial Powder No. 12
- 1 Trial Bottle of Liquid
- 1 Powder Measure

**\$5.00**

If the trial powder and liquid do not give complete satisfaction, the remainder of the package may be returned (if intact) for full credit.

*'Phone Your Dealer Now*

Zinc Cement Improved  
Complies with A.D.A.  
Specification No. 8

Powder, any color, per bottle  
Liquid, per bottle

THE S. S. WHITE DENTAL MFG. CO. 211 S.



YOU BE THE

JUDGE!



# S.S. WHITE ZINC CEMENT IMPROVED

Outstanding strength, durability and holding power to spare . . . fine particle size for perfect adaptation . . . smooth, easy mixing . . . perfect plasticity, cool setting . . . uniform properties in every batch made . . . excellent colors . . . all these claims we have made for Zinc Cement Improved, all have been found true by dentists throughout the world. This is why S. S. White Zinc Cement Improved is the popular zinc cement. If you have not tried it, convince yourself without cost or obligation that Zinc Cement is the best cement for your practice.

Ask your dealer or salesman for the 4/2 New User Package illustrated here. Use the trial powder and liquid. If the trial and your observation of its behavior doesn't convince you that Zinc Cement Improved is a definitely superior cement, return the remainder of the package intact for full credit.

MFG. 6211 S. 12TH STREET, PHILADELPHIA 5, PA.



## IN THE AIM FOR THE *Ideal Dental Structure*

From the fifth to the fifteenth year of life the character and the permanency of the adult dental structure are determined. During this period nutritional deficiencies make their impressions upon the unerupted teeth and may lead to serious developmental defects which in later life are manifested by a marked tendency to caries, deformities, and excessive erosion.

Extensive studies have shown that all nutritional essentials are concerned in the formation of perfect teeth, and not merely calcium and vitamin D as commonly believed by the laity.

Through the use of New Improved Ovaltine much can be accomplished in the aim toward the ideal dental structure. This delicious food drink supplies virtually all metabolic requisites, not only vitamins, but also biologically adequate proteins and essential minerals.

In patients subsisting on an average diet, Ovaltine can make the difference between merely adequate and optimum nutrition, hence the difference between average and good dentition. The Wander Company, 360 North Michigan Avenue, Chicago, Illinois.

2 KINDS  
PLAIN AND CHOCOLATE  
FLAVORED

NEW IMPROVED  
*Ovaltine*



Three daily servings (1½ oz.) of New Improved Ovaltine provide:

	Dry Ovaltine	Ovaltine with milk*		Dry Ovaltine	Ovaltine with milk*
PROTEIN . . . .	6.00 Gm.	31.20 Gm.	COPPER . . . .	0.5 mg.	0.5 mg.
CARBOHYDRATE .	30.00 Gm.	66.00 Gm.	VITAMIN A . . .	1500 U.S.P.U.	2953 U.S.P.U.
FAT . . . . .	3.15 Gm.	31.5 Gm.	VITAMIN D . . .	405 U.S.P.U.	432 U.S.P.U.
CALCIUM . . . .	0.25 Gm.	1.05 Gm.	VITAMIN B <sub>1</sub> . .	300 U.S.P.U.	432 U.S.P.U.
PHOSPHORUS . .	0.25 Gm.	0.903 Gm.	RIBOFLAVIN . .	0.25 mg.	1.28 mg.
IRON . . . . .	10.5 mg.	11.9 mg.	NIACIN . . . .	4.95 mg.	7.1 mg.

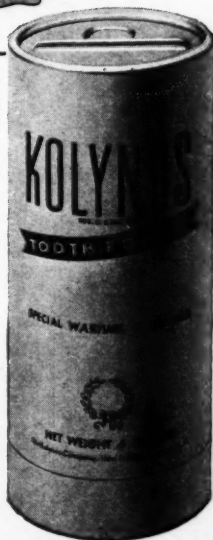
\*Each serving made with 8 oz. milk; based on average reported values for milk.

**It's a  
Habit!**



**P**ATIENTS young and old quickly pick up the habit of brushing their teeth regularly once they try the new Kolynos Tooth Powder. Its fresh, delicious flavor makes adults and children alike enjoy using a tooth-brush. Pleasantly foamy and superfine, Kolynos Powder is an effective cleanser . . . leaves a clean, fresh taste in the mouth.

**KOLYNOS**  
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### M. O. D. and Simple Inlays



AN unusually adaptable gold, possessing sufficient Elongation to be burnished readily and sufficient Hardness and Strength to stand up under occlusal loads imposed in M. O. D. Inlays.

**GOLD COLOR**

per dwt. \$1.92

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**GOLD** Justifies Dentistry's Belief that  
Nothing is Too Good for the Human Mouth.

**J. F. JELENKO & Co., Inc.**

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and  
Specialties

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Accurate assay; prompt report.

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New York  
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# Oral Hygiene

VOL. 33, NO. 9

SEPTEMBER 1943

Picture of the Month.....	1219
This is the Army, Doctor Brown!.....	<i>A Dental Officer</i> 1220
Collect Your Accounts Today.....	<i>I. H. Kiine</i> 1224
The Dentist With Millions to Administer.....	<i>Stanley C. Brown, D.D.S.</i> 1226
The Score of Discrimination.....	1230
The Score of Accomplishment.....	1231
Don't be Pals to Your Patients.....	<i>A Dentist's Wife</i> 1234
How to Kill a Dental Practice.....	1237
Beveridge is Not Bunk.....	<i>John W. Cooke, D.M.D.</i> 1238
Departments:	
Military News.....	1232
Dentists in the News.....	1241
Editorial Comment.....	1244
Technique of the Month.....	1246
Ask Oral Hygiene.....	1249
Laffodontia.....	1254
The Publisher's Corner.....	1194

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CONSTANTLY EMPHASIZES  
"SEE  
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EVERY 3 MONTHS"**

Gabriel Heatter, famous news commentator,  
broadcasts this advice to millions of his radio  
listeners Tuesday and Thursday nights.

**HOW 95% GINGIVITIS CASES  
IMPROVED IN 30 DAYS**

Clinical investigation shows that individual dental examinations were made with hundreds of patients. Approximately half of these patients were first given prophylaxis. ALL were instructed to massage their gums twice daily with Forhan's Toothpaste for a 30-day test period. Results showed:

95% of those having Gingivitis were remarkably improved.  
100% of those having normal gums maintained gums in healthy condition.

Won't you please indicate

**Forhan's**  
with massage

For Firmer Gums—Natural Sparkling Teeth

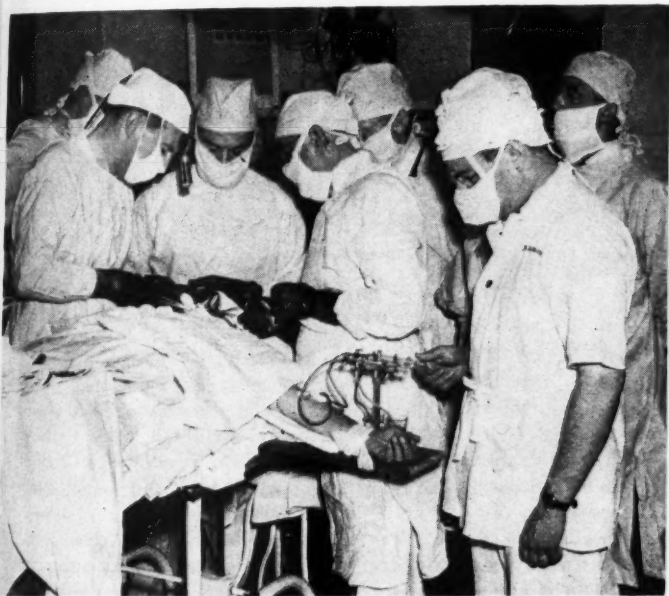


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## *Picture of the Month*



A postgraduate class—members of the Dental Society of the State of New York—observes an operation in the Crouse-Irving Hospital, Syracuse, New York. Doctor W. Harry Archer, Associate Professor and Doctor Burton H. Neft, Anesthetist, Department of Anesthesia and Exodontia, School of Dentistry, the University of Pittsburgh, demonstrate dental surgery under the new intravenous anesthetic, pentothal sodium. (Photograph, courtesy of the *Syracuse Herald-Journal*.)

Ten dollars will be paid for the picture used in this department each month. Send your contributions with return postage to ORAL HYGIENE, 708 Church Street, Evanston, Illinois.



The metamorphosis of a civilian dentist deep in the heart of Texas

## THIS IS THE ARMY,

## DOCTOR BROWN!



By A DENTAL OFFICER

HERE I AM, a khaki-clad veteran of seven months, and I feel and look more like a returning vacationer from Miami Beach than just a soldier parading through knee-deep mud while gathering red Texas dust in my face. My seven-year-old moustache is gone. So is my curly hair which I used to spend hours combing; it has been reduced to one-half inch to comply with Armored Force Regulations. I am one of the many Army dentists who has sacrificed the professional touch for the military. The metamorphosis from that vanishing species of homo sapiens, the civilian, is complete. Rather vaguely I recall the listless, pale expression

of a civilian who, hiding his drawn features behind the pages of the *Chicago Sun*, swallows his daily ration of fresh air and sunshine as the Jackson Park Express thunders over the Chicago River into the gloomy Loop. What a contrast it is to be jogging over the rock-covered foothills of Texas in an Army jeep!

Time passes quickly. It seems that I've known no other life than the Army. The Army is building men, and if I don't fit the mold, it will be my own fault. Our general program may be of interest, so I'll try to jot it down without fanfare, ballyhoo, or intent to betray military secrets. Whatever impression

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I may leave with the reader, let him remember that *I like it*, and if I leave any other impression, it's because I ain't a "writin' man."

After being in the Army for several months, I had not done any dentistry. No equipment had been issued. Since ours is a field unit, our dental equipment will be consolidated into a large chest, containing all supplies necessary to facilitate dental services out in the field. No more de luxe equipment but, at least, I'll have an orderly to pump the foot drill for me. In the meantime, I am learning to be a good soldier, with plenty of map reading, long marches, administrative work, medical maneuvers, first aid and drilling.

Army routines are composed of little things and big things. The little things are such articles as latrines. In this camp there were thousands of them, all of them built along the same architectural lines, Gothic, I believe. The monotony of their sameness was overlooked when the need for their use was the most striking. Speed in

permanent construction has banished this glorified outhouse with the assorted wooden lacework. In its stead, we now have the bathhouse, a fit tribute to this wonderful age of industry and creative genius. Walls, chaste and unadorned; and the showers, warm, wet, and wonderful.

The tent has given way to the hutment. The hutment is a miniature superstructure of ersatz steel (beaver boards), riveted together with glue and assembled by expert barnyard intelligentsia within ten minutes. A side of this, a chunk of that, and there you have it.



### Mess Call

Meals are called mess and appropriately. Many difficulties arise requiring a degree of ingenuity to overcome. For instance, everything is served on one plate—all the seven courses. A certain amount of dexterity may prevent the gravy from flowing into the ice cream. It's a mechanical principle involving a delicate sense of balance. Upon conquering this obstacle, another arises, something unforeseen. The icing snuggles into



the beans, slips inadvertently off the plate and onto the floor. Of course, such a tragedy is the result of stupidity, and happens only while maneuvering a filled plate while scanning the mess hall for a place to sit. Well, who's hungry anyway?

### Takes up Dentistry

After four months of this life I was invited to consult with the Commanding Officer of the Regiment. Two minutes had barely passed in my interview with him before I became keenly aware that my advanced experiences in scouting were about to be clipped short. Although, truthfully speaking, I was quite reluctant to leave my field duties, the Colonel definitely impressed me with the fact that the hour had arrived for me to utilize my professional skills upon the mouths of the soldiers of the regiment. At last I had qualified myself to accept the salary and wear the uniform and bars that the government had given me. And so, I was transferred with the rating of a first-class mouth manipulator to the Camp's largest dental clinic, a 25-chair spotless room. I missed the great Texas out-of-doors for the first few days. I watched the healthy, sun-tanned faces of the other officers of the regiment, and my heart sank. But then, assigned as a prosthetics specialist, the old thrill of the profession took hold. A new phase of Army life had been opened to me.

Dentistry, generally speaking,

has a place of its own in the Army. The dentist assigned to the tacti-



cal unit, however, is an unusual specimen. The Army recognizes him as a jack-of-all-trades which, professionally speaking, has already placed him upon a unique pedestal in our present social system. The dentist is the spare tire, the ace-in-the-hole, the assistant to the assistant, the handy man, the next in command, the stooge par excellence, the Charlie McCarthy, the hired man and, all posts having been filled—the general out-cast of his unit.

His professional duties, for which he is being more than adequately compensated by the government, are extremely limited in scope. When away from the dental clinic, Army Regulations prohibit his administering first aid for a simple toothache. That function is handled routinely by the pill-giver of the regiment—the Dispensary Surgeon who, in all probability, was an obstetrician in civilian life. At some time or other, then, this jarring philosophy floats through the mind of the Army dentist. He

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just swallows hard and manages a feeble grin when his commanding officer, a complacent young physician who has just completed his internship, commends him with a pat on the back.

Such is the dilemma of the Army dentist. Yes, there is time and there is space, there are laws

elemental and complex, there are institutions old and established, but above all and like a rock stands the Army, the great iconoclast. Believe me, I have now seen almost everything. Today, I write my memoirs and tomorrow—well, you may fire when ready, Ambrose!

## YOUR STORY MAY WIN \$100

Everyone has a story to tell—every dentist, dental assistant, dental hygienist, every person who has had a dental experience.

Every unusual or interesting experience you or someone else has had will make a human interest story—if you have the ability to tell it simply, directly, without literary flourishes.

Every dentist who achieves distinction in actual combat, dentists who are actively promoting the war effort, dentists who are prominent figures in political life, in radio, stage, or motion pictures, who have unique hobbies—all are excellent subjects for ORAL HYGIENE.

ORAL HYGIENE wants to know what problems of dental practice you have solved effectively, what changes the war has made in your office routine, your provocative thoughts about the future status of dentistry and dental education.

ORAL HYGIENE wants your story—if it will arouse the interest of other dentists, if it will help them, if it will promote the war effort, or if it expresses a significant, a forward-looking point of view.

To encourage you to write down your dental experiences in a con-

cise, readable form, ORAL HYGIENE is making substantial literary payments for articles on non-technical dental subjects.

A prize of \$100 will be presented each month for the best article accepted for publication in ORAL HYGIENE. All other manuscripts accepted will be paid for at the regular word rate.

*It is important to remember that every article must have a dental angle. Specific articles will be given preference.*

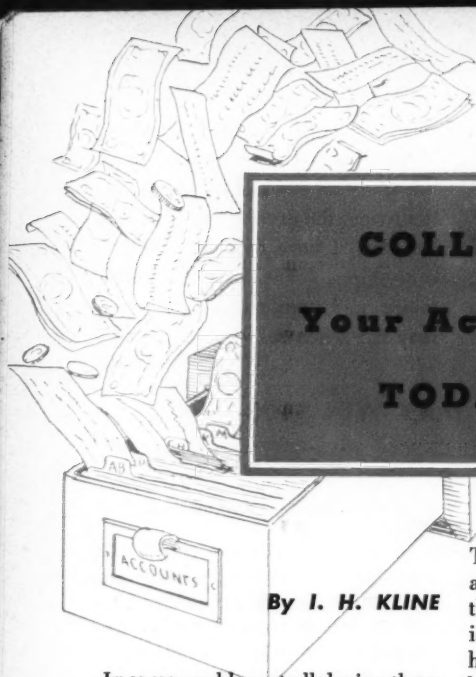
Here are a few rules to follow:

1. Do not write more than 1500 words.
2. Do not strive for a "literary" style. Write down your experiences or those of someone else in a simple, direct manner without padding.
3. Your manuscripts should be typewritten, double-spaced, and sent with return postage.

Good pictures or drawings to illustrate your article will be welcome.

Your story may win the \$100 prize. Send it today to:

Edward J. Ryan, D.D.S.  
Editor, ORAL HYGIENE  
708 Church Street  
Evanston, Illinois.



Keep your accounts receivable up to date.

By I. H. KLINE

IT IS NO problem at all during these unsettled times for most dentists to keep just as busy as they want to be. Rather, the problem is to find enough time in which to take care of all the practice that is offered.

Because of present conditions, most of you are receiving much more cash than normally, and you are probably overlooking the fact that the proportion of unpaid accounts on your books likely has increased equally as fast, if not faster, than your cash receipts.

Of course you want the money represented in these accounts. You have given just as much value in service to these patients as you have to those who have paid promptly. You are justified in expecting these accounts to be paid.

The mere fact that some of them are still on your books long after they should have been cleared up is ample evidence that you will have to exert extra pressure to collect them.

In the first place, unusual caution should be exercised in extending credit because, in the very nature of things, there are at this time more floaters in the civilian population. There is a good chance that some of your debtors may be seeking greener pastures when the time comes to pay your bill. And holding the bag soon becomes monotonous!

After you do decide to extend credit, insist upon literal compliance with terms arranged. Accept no excuses for non-payment. It is certain that, if you do not get the money now while it is plentiful with the majority of people, your chances to collect when conditions begin to tighten up will diminish

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History repeats itself, and most dentists who remain in civilian practice, after the military forces take all the younger ones they need, are old enough to remember some of the aftermaths of the last war—the headaches many of us suffered because we failed to make advance preparations to meet the conditions which followed the war.

Be realistic! Admit to yourself that this era of easy money will

not last indefinitely, and so prepare your business affairs that you may not suffer disagreeable consequences when the change to a more normal condition comes.

Leave the proverbial "Fool's Paradise" as an abode for those who are unwilling to believe in realities, and make extraordinary efforts to keep your accounts receivable paid up to date. It will pay big dividends.

*Beacon Building  
Wichita, Kansas*

### FIRST SPANISH-ENGLISH DENTAL VOCABULARY PUBLISHED

A NEW AND practical venture that will meet with the approval of dentists in all parts of the Western Hemisphere is the publication of the first DENTAL VOCABULARY to present exact translations of modern dental terms from English to Spanish and from Spanish to English. It has been compiled by Joseph S. F. Marie and published by The Jaques Cattell Press, Lancaster, Pennsylvania. Foreword of the book has been written by Doctor L. S. Rowe, Director General of the Pan American Union, Washington, D. C. Doctor Rowe sees in this publication a scientific service and an important medium for fostering closer relations between members of the dental profession in the American Republics.

More than 15,000 terms have been carefully compiled by Mr. Marie from all branches of dentistry and related medicine. He has placed special emphasis on operative dentistry, and has assembled and translated the names of dental diseases, medicaments, instruments, supplies, office equipment, and numerous anatomical terms. In selecting and grouping words the author has kept in mind that both dentists and physicians will find this DENTAL VOCABULARY a key to dental and medical literature published in English and Spanish. For the man in practice, as well as the student, this will be a handy and dependable reference book.

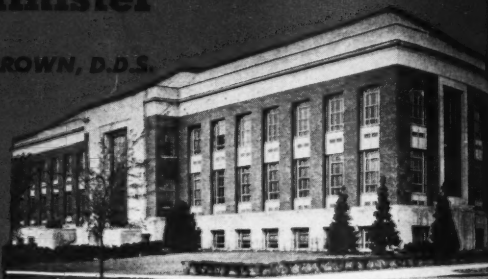
### If Your ORAL HYGIENE is Late

IN WARTIME, the postal service is overburdened. Consequently, magazine mail is delayed. We start to mail ORAL HYGIENE during the week preceding the month of issue. But it is impossible to control the date of delivery to readers. So please be patient if your ORAL HYGIENE is late. It may help delivery if you will advise us of your postal zone number.

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# The Dentist with Millions To Administer

By **STANLEY C. BROWN, D.D.S.**



**Doctor Emory W. Morris**

IMPORTANT HEALTH projects of far-reaching significance to dentists and administered by a dentist, Emory W. Morris, have been made possible by W. K. Kellogg of Battle Creek, Michigan. At the age of forty-six he organized a company to manufacture and merchandise the first prepared breakfast food to

## The W. K. Kellogg Institute.

bear his name. A few years later he expressed his desire and intention, in case his business should prosper, to devote some of his income to social welfare. Because he was always influenced by principles of American democracy, Mr. Kellogg began to formulate in his mind the concept of contributing to the advancement of human welfare by some method which would help people to help themselves.

As Mr. Kellogg prospered he became a generous contributor to worthy causes. Wishing to provide some systematic and business-like method of administering his many benefactions, he established the Fellowship Corporation in 1925. In June, 1930 Mr. Kellogg dissolved this corporation and established the present W. K. Kellogg Foundation, whose charter provides for the formulation of a com-



## **Progressive, self-help health programs are planned and directed by a dentist.**

prehensive and well-organized undertaking to improve the health, happiness, and well-being of mankind—especially children.

No one imagined at the beginning of this Foundation that some day a dentist would become its general director and treasurer. But today one of our own professional members holds these two positions. The appointment of Doctor Emory William Morris as general director of the Foundation in September, 1940 was a distinct honor and credit to dentistry.

Doctor Morris was so honored not because of some political or intimate contact with Mr. Kellogg, but because he had demonstrated his unusual executive and business ability. As a matter of fact Doctor Morris had never met Mr. Kellogg either in a social or business way before becoming associated with the Foundation.

Like the average young dental student, Doctor Morris was anxious to complete his training and start a practice of his own. Upon graduation from the School of Dentistry, University of Michigan, in 1928, he opened an office in Battle Creek.

Shortly after the establishment of this new practice, the Battle Creek Dental Society accepted the responsibility of providing a dental program for the newly constructed Ann J. Kellogg School. Doctor Morris was appointed to

head this undertaking. Because of the success of the project, Doctor Morris was asked to act as dental consultant to the Kellogg Foundation.

Doctor Stuart Pritchard, the President and Director of the Foundation, was not only "outstanding in his ability to inspire and direct organized efforts to heal the hurts of mankind" but he had a tremendous interest in young men. He believed in them but he did not feel it was necessary to experiment with them for an extended period of time to learn if they were capable. Doctor Pritchard recognized Doctor Morris' unusual abilities and proposed that he give full time to the Foundation.

### **Accepts Full-Time Post**

This was quite a momentous decision for a young successful dentist to make. At first he consented to give it a five years' trial after which time he could still go back

### **Capable teachers staff the camps.**





to active practice if the move proved unwise. In March, 1938, Doctor Morris became Director of Dental Education for the Kellogg Foundation.

While still busily engaged with the many duties of Dental Director, Doctor Pritchard asked Doctor Morris to take over the added direction of the Foundation's Camps. Here, indeed, was a new experience and challenge for a dentist whose childhood had been spent in a typical small rural community. Doctor Morris assumed these added responsibilities, however, and performed his new duties well—under his five-year direction two new camps were built.

As though further to test the ability of Doctor Morris, he was asked to take over the direction of the Atlas Properties, Incorporated—a liquidating company of the Foundation's real estate assets. These holdings consist of numerous real estate properties extending from Florida to California. In his work with the Atlas Properties

Doctor Morris ran the gamut of all types of property operations, including the successful operation of a one-hundred-room hotel and a seventy-apartment building. This experience was valuable to him, not only for the business training, but for the human element involved in dealing with people of all classes.

### Advances Rapidly

In rapid succession, Doctor Morris was promoted from Dental Director to Associate Executive Director, then to Treasurer. It was not strange then, that, upon the death of Doctor Pritchard in 1940, Doctor Morris was appointed General Director of the Foundation. He is also a member of the Board of Trustees of the Foundation, a Director of the Kellogg Company, and a Director of Atlas Properties, Incorporated. Doctor Morris is also administrator of the Foundation's trust fund which, as of Aug-

**Kellogg Foundation Clear Lake  
Camp School.**





**Dentists are able to review problem cases in their own offices with visiting consultants.**

ust, 1940, runs over forty-seven millions of dollars.

Aside from his many Foundation responsibilities, Doctor Morris still finds time to be active in the affairs of the American Dental Association. At the present time he is chairman of the Council on Dental Health which has just completed the framework for a much needed piece of Association work. He would put most of us to shame for our lack of active participation and interest in our respective State and local dental organizations.

Those associated with the Foundation feel that the basic principles of democracy are fundamental to successful cooperative community enterprise and all Foundation activities are designed to help people help themselves. It is true that the Foundation has the money to support these ideas, but it takes a leadership with vision to make dreams an effective reality.

Regarding Doctor Morris, Mr. Kellogg has this to say, "I am confident that under the Foundation's new leadership its work will continue to expand on many fronts during future years in the same spirit of helpfulness and in the same effective manner as before the passing of Doctor Pritchard."

Doctor Morris was born in Nashville, Michigan, on May 14, 1905, the only child of a small community physician. He is married and with his gracious wife, Mary, lives the life of a country gentleman on an eighty-acre farm. As an avocation Doctor Morris is interested in horses, dogs, and farming. We suspect he is also a fisherman as a mile of trout stream meanders through his farm.

Of the farm Doctor Morris says, "We are going through the usual experiences of any city farmer. However, I am not as green as some, for throughout my childhood we always had a farm and I have spent a great deal of time there. My latent ambition would be some day to have more time to spend on the farm."

Dentistry is honored and proud that one of its members is carrying on so capably this important piece of social work so that the democratic way of life may be reflected in greater benefits for persons who cooperate in a common cause.

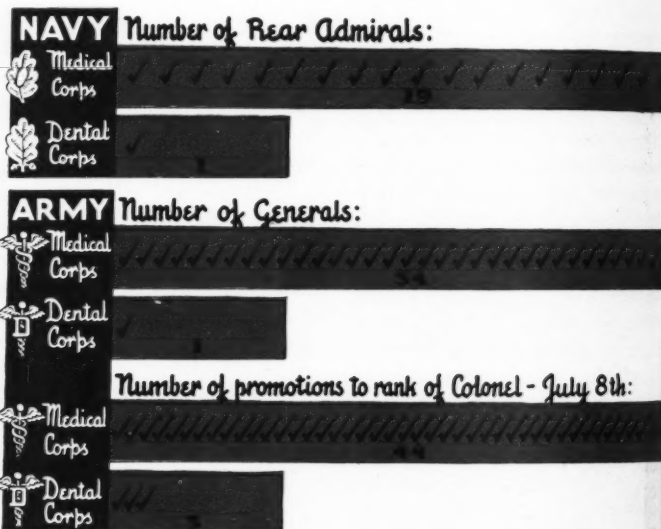
*Ithaca, Michigan*

# The Score of DISCRIMINATION

**The Congress has  
passed this law:**

"Hereafter the Dental Corps of the Army shall consist of commissioned officers of the same grade and proportionally distributed among such grades as are now or may be hereafter provided by law

for the Medical Corps, who shall have the rank, pay, promotion, and allowances of officers of the corresponding grades in the Medical Corps, including the right to retirement as in the case of other officers . . ." [U. S. Statutes at Large, 65th Congress, Ses. 1, Chs. 101-103 (1917) p. 397. Italics ours.]



• Each check V represents one officer. • Color bars indicate comparative sizes of corps.

This Act of Congress has been ignored in the administration of the law.

**Ask Your Congressman What He Thinks About This?**

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## The Score of ACCOMPLISHMENT

These production figures of the 10,000 officers who make up the Army Dental Corps are for one month, March, 1943. The averages include *all* officers on duty: those serving in administrative capacities, those with tactical units, and those with fixed installations. Administrative officers and those with combat units are not in a position to produce as much dentistry as dentists in camp clinics and station hospitals.

The over-all production of the Army Dental Corps in *money units* is considerably more than the money received by those officers from the government in pay and allowances. The Army Dental Corps, therefore, is an agency of government that produces more for the government than it receives.

The United States Veterans Administration has set up these average basic dental fees:

Amalgam (2 surface).....	\$3
Extraction .....	2

Full dentures (each) .....	25
Prophylaxis .....	3

At this official governmental fee schedule the average production per month for each dental officer in money units would be:

154 permanent fillings	at \$3—	\$462
56 extractions	at 2—	112
5½ dentures	at 25—	137
14 prophylaxes	at 3—	42

\$753

As of June 26, 1943, 90 per cent of the Army Dental Corps was made up of officers in the grade of First Lieutenant (62 per cent, as compared with 33 per cent of the Medical Corps) and Captain (28 per cent). The monthly base pay with rental and subsistence allowances for dependents is \$305 for a First Lieutenant and \$332 for a Captain.

The Score of Accomplishment for each dental officer is the figure of \$400 *more* than he receives from the government each month—a total of \$4,000,000 a month for the Corps.

### ARMY DENTAL CORPS

Admissions	_____
Sittings	_____
Permanent Fillings	_____
Extractions	_____
Dentures Constructed	_____
Prophylaxis	_____
Teeth Replaced	_____

Total MARCH '43
733,820
2,105,456
1,541,737
562,546
55,050
141,772
458,753

Approx. Number per Dental Officer
73 ½
210 ½
154 ⅓
56 ¼
5 ½
14 ⅓
46 -



## Military News



### Postgraduate Assemblies:

The Illinois State Dental Society announces that Postgraduate Assemblies on War Medicine and Dentistry will be held in the following cities of Illinois:

Rock Island—October 25

East Saint Louis—October 27

Decatur—October 29

The subjects to be covered are, treatment of shock and hemorrhage, fractures, and the use of sulfa drugs and penicillin. Medical subjects will include tropical diseases, military sanitation, aviation medicine, and military psychiatry. The dental aspects of maxillo-facial surgery will be covered in detail.

All members of the American Dental Association are eligible to attend these Assemblies upon advance registration fee of \$5.00. The registration should be sent to Doctor L. H. Jacob, Secretary, Illinois State Dental Society, Peoria, Illinois.



### Civilian Defense Units to Aid Army:

If the Army finds it is unable to handle a sudden influx of war casualties or some other military emergency in the War Department hospitals, officials will call upon the hospital units organized for Civilian Defense for temporary help. This plan was announced recently by James M. Landis, Director of Civilian Defense. Each of the units consisting of thirteen physicians and surgeons, a dentist, a pathologist and a radiologist,

is expected to hold itself in readiness to answer an emergency call.



### Insignia for Dental Students:

The Navy has authorized special lapel and sleeve insignia for students attending dental colleges under the V-12 program. These students will wear the regular midshipmen's uniform with a lapel device composed of the oak leaf with twigs, insignia of the Navy Dental Corps, superimposed on a fouled anchor. Each student, except those in the first-year, will also wear a gold sleeve stripe to indicate each year of professional study that he has completed.

Thirty-seven dental colleges, 64 medical schools, 9 basic science courses, and 131 universities and colleges, are now enrolled in the V-12 College Training Program.



### Minimum Number of Teeth:

As an aid to Army dental officers in determining the minimum number of natural teeth necessary to masticate the Army ration, the War Department has prepared an opinion. It is hoped that this will obviate the controversies, between camp dental surgeons and dental officers at ports of embarkation, over which soldiers need partial dentures.

Pertinent parts of the opinion are reproduced here:

a. It is impractical . . . to declare that a given minimum number of natural teeth are necessary to masticate

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the Army ration. The size, shape, condition, and position of the dental arches, as well as the teeth, are all determining factors in a diagnosis and decision. When comparing individuals . . . there is a vast difference in occlusal patterns and chewing efficiency. The personal past history of the individual must also be a consideration. The question also arises, "Has the patient been able to masticate the foods in civilian life and what is his experience with the Army ration?"

b. The statement that three upper and lower occluding posterior teeth, as well as a like number of anterior occluding teeth, are sufficient to masticate the Army ration, may be acceptable in a certain percentage of cases. However, there are too many instances wherein an individual with that number of natural teeth is a military casualty.

c. The decision to replace or not to restore a given number of missing teeth should be with the camp dental surgeon or one designated by him . . . An anterior-posterior denture may be inserted frequently if an incisor tooth or two has been extracted even though the individual has enough posterior function. A fixed bridge in the anterior segment may also be inserted in limited cases as a morale and functional factor in those instances where extraction has initiated a disfiguring space. The de-

cision having been made by a camp dental surgeon, there should be no further consideration or question on the part of the dental surgeon at the port of embarkation or staging area.

However, should there be a few cases wherein the dental surgeon of the latter-named station deems it essential to construct partial dentures, laboratory facilities have been made available for that purpose. Emergencies, too, such as additional extractions, may require the dental surgeon at the port of embarkation to construct or remake a denture.

★

### Dentists 38-44 in Draft:

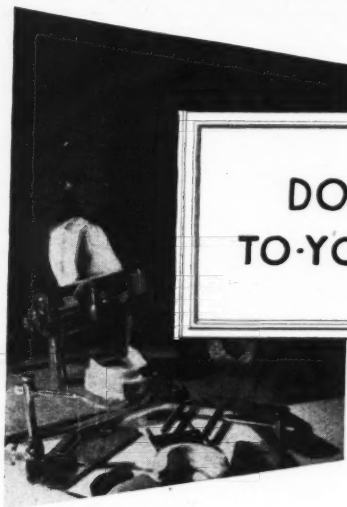
A new War Department order has made dentists and physicians from 38 through 44 years of age, who fail to volunteer for commissions, available for the draft under Selective Service. The head of each Army Service Command is thereby authorized to waive President Roosevelt's order prohibiting the drafting of men over 38, when requested to do so by the state director of Selective Service. The age waivers may be granted in the cases of all such professional men who have been declared available for military service by the Procurement and Assignment Service. Dentists and physicians, who are fathers and have reached their 38th birthday, will not be subject to induction under the order until general drafting of fathers begins.

### THE COVER

THIS MONTH'S cover carries a photograph of Wyoming's Chief Executive, Doctor Lester Calloway Hunt. At 51 Doctor Hunt can look back on a varied career. He was a Major in the Dental Corps in the last war, practiced dentistry for sixteen years, and served two terms as Secretary of the State of Wyoming before being elected Governor in November, 1942.

A little chumminess may make  
a lot of difference in your  
income.

## DON'T·BE·PALS TO·YOUR·PATIENTS!



THE GOLDEN RULE comes first at our office, always. But second only in importance to the "Do unto others—" in our dental practice is the abrupt aphorism, "Don't be pals to your patients!" Strict adherence to this second rule has been the means of building my husband's once dwindling catch-as-catch-can practice into the highly successful, lucrative following which he enjoys today.

In our family, the man of the house does the dentistry, runs the office, and transfers a part of all collections into the household account. There the responsibility of the bread winner ceases. As manager of the house, and mother, it is my job to disburse these funds as wisely as possible that we may be well nourished, attractively garbed, completely protected by

### By A DENTIST'S WIFE

insurance. Small wonder, then, that one of my first questions at night was, "Did any money come in today?"

Since it was my duty to keep all household bills paid, I was naturally interested in the collections. And as our income lessened over a period of years, I kept cutting the pattern of our family life to fit it. I was aware of this diminishing income some time before my husband, by reason of my rôle of banker for the family. Although I called it to his attention, I treated it as a temporary thing, not wanting to harass the man. Those were dark days, trying to maintain sound credit on an income which was taking nose dives month by month.

### Assets and Liabilities

It was hard to understand this sloughing off of our income. I knew my husband was a good and careful dentist, that he was trust-



worthy. Moreover, his personality was attractive both to men and women. I knew that my husband maintained regular office hours, and that his appointment book was reasonably full. All assets, you'll agree!

Yet in the face of all these favorable qualities, my husband's earnings were small, and sometimes he'd wait months to collect even the most modest bills. There had to be a reason for this dribbling income, and I was determined to uncover it. Little did I think one morning, when I mentioned at breakfast that I'd be needing a little extra cash, that the whole thing would pop out just like a jack-in-the-box.

"Just put your mind at ease," said the man of our house giving me a great big smile. "Bob Estabrook has an appointment today. Methinks he'll bring a check."

"Not Mr. Robert Estabrook of Estabrook Motors, Inc."

"None other, my pet!" There was pride in his tone, "You didn't know your old man was doing dentistry on the big shots, did you, honey?"

My face registered my astonishment. Astonishment, not at the calibre of his patients, but at my husband's informality! Informality which allowed him to refer to such an important man in so intimate a fashion. If he was so unreserved with the prominent Mr. Estabrook, most likely he was just as palsywally with all the rest of his following. It wasn't surprising, then,

that he had difficulty in collecting what was rightfully his.

### Makes a Discovery

Following the evening meal, as we lingered over our cups of coffee, I announced that I was positive I'd found the source of our trouble, and briefly outlined it to him. But he didn't agree with me at all. Of course he was friendly with his patients, he admitted freely, and all his patients liked him, too. But what did that have to do with getting the money in on time?

"Plenty! In fact, everything," I declared, with determination. "And I can give you concrete examples of it, too."

So I told him about Lenora, who owns the beauty shop where I go for beauty treatments every once in a while. Lenora is a good operator, better than the average. Too, she is the grandest person and all her customers adore her. But her business is on the ragged edge for that very reason—because she is so friendly with all her customers.

We know her so well, that we have no scruples at all about making an appointment with her for a shampoo, fingerwave, and manicure, and then sort of charging it, at least until we get our allowance next month. Lenora is so very accommodating, she'd never refuse. And of course she's never gone up on her prices, either, like the other shops. And she never charges for little extra things.

But it's quite a different set-up

at Wilfrid's Beauty Salon. When you've had the works at Wilfrid's, believe me, you expect to pay for it. And you do! He throws in nothing free. And as for even so much as hinting that you'd like to postpone payment till the first of the month, you'd sooner ask the government to excuse you from your income tax this year.

Wilfrid's Beauty Salon is doing a wonderful business, and he is simply coining money. And poor Lenora, whose beauty service is of equally as good quality as Wilfrid's, is on the verge of closing. It's Lenora's own chumminess with her customers that's ruining her business.

When I'd finished this oral treatise on the evils of being palsy-walsy with the clients on whom you depend for your bread and butter, I felt just like a lawyer who has pleaded his biggest case. And won! I was overjoyed that my husband felt that I really had something. And together we outlined a method of procedure to be followed with old patients. Briefly, it was to the effect that a survey had been made of this office and, as a result, it was found necessary to ask our patients to subscribe to certain new financial rulings which we trusted would work no hardship upon them, and would be in keeping with the new business policy of the office. No explanation was necessary for new patients.

My husband's new formal businesslike attitude toward those new patients was more eloquent than words in putting it across that slow payments would not be tolerated here.

Collections commenced to pick up, almost immediately. Next we noticed that the fees for the several patients during the day added up to a larger total than previously. The reason for this increase was plain. When my husband quit being pals to his patients, he was able to accomplish a third more at each appointment. (He no longer had to take precious time out to discuss his golf scores, nor his bridge hands with his cronies in the chair.) He did not raise his fees, but, like Wilfrid, he did make a charge for each service rendered. Another timewaster, which has been eradicated almost entirely with the new policy in the office, is the patient who wanders in, again and again, ten to twenty minutes late for an appointment. Under the new regime, they wouldn't dare, unless they had an excuse, par excellence.

"Don't be pals to your patients!" It's the slogan of our office. And as a reminder, my husband made a neat sign in trim block lettering, framed it, and hung it in his laboratory, at eye level. It's a silent warning to him, in case he should ever be tempted to lapse back into the old habits.

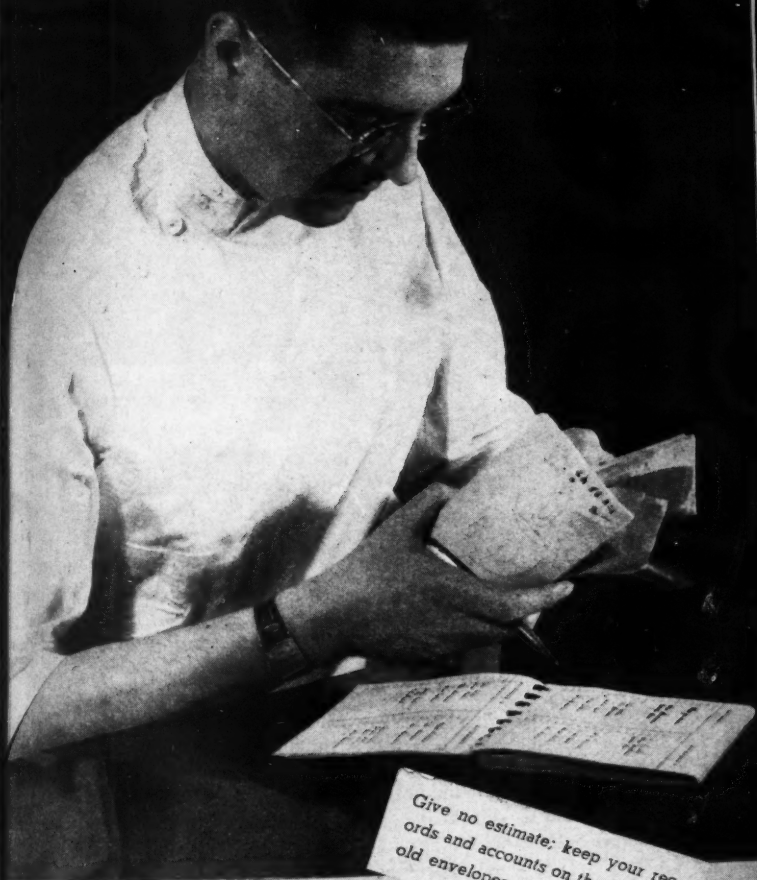


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Give no estimate; keep your records and accounts on the backs of old envelopes.

## HOW TO KILL A DENTAL PRACTICE

This chart explains to the man in the street the essentials of the Beveridge Plan.

**WHAT THE PLAN DOES FOR EVERYONE —**  
 or  
**"How to be born, bred and buried by Beveridge"**

**BEVERIDGE IS NOT BUNK**

**ON MARRIAGE**  
 —Bride & Groom  
 \$40

**ON BECOMING A PARENT**  
 —Bride & Groom  
 \$7.20

**THE CHILDREN ARE CARED FOR**  
 —Bride & Groom  
 \$1.00

**THERE'S PROVISION FOR WIDOWS**  
 —Widow & Children  
 \$40

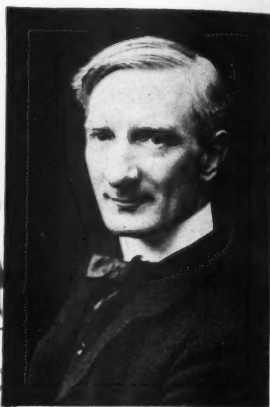
**CASE OF ILLNESS**  
 —Bride & Groom  
 \$24

**AND THERE'S A HAPPY RETIREMENT**  
 —Bride & Groom  
 \$60

**By JOHN W. COOKE, D.M.D.**

And there's a happy retirement ages 65 for men and 60 for women. There's a sum and a sum rising to \$4.00 rising to \$8.00 for a single person for man and wife. It can be put in at 65 and you will receive \$4.00 a week for each year you go on working.

**Sir William Henry Beveridge**



This progressive plan for social security merits special study by dentists.

THANKS TO THE enterprise of an American publisher, the red, white and blue cover of "Social Insurance and Allied Services," the Beveridge Plan, is now an accepted companion of other thought-provoking reading material found in many American homes, public libraries, and reading rooms. Its substance has received wide notice in the press, and its significance as a vital part of postwar social planning appears to have been accepted.

However, according to a syndicated article by Harold Laski, dated February 28, 1943, the British government, while accepting the Beveridge Report in sub-

stance, apparently has "committed itself to nothing except good intentions." In brief, it has rejected the nationalization of insurance, has refused to accept Beveridge's figures, and has clung to the so-called "means test," and does not intend, for the present at least, to create a ministry for social security.

This is an expected but severe disappointment. It is a survival of the spirit of reaction, which has always to be reckoned with, but which the optimist has dared to hope might have burned itself out in these years of national sacrifice and tribulation. It contains certain implications for the United States

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which it may be wise to consider briefly.

When one speaks of the Beveridge Plan, there is implied no hidden rabbit in a hat, no new hypothesis for the relief of human suffering, or for the creation of human security. Beveridge borrowed, constructively, from the writings and experiences of many thoughtful persons; but I think for the first time, at the request of a major government, he has presented a sound plan for social security that is capable of being developed into a progressive reality. So much importance was attached to it in this country, where the term social security is certainly not unknown, that suggestions have been made for "An American Beveridge Plan," to codify the somewhat loosely expressed and as loosely understood social security proposals of the current administration leaders.

### Discussion Needed

Constructive discussion is always a healthy sign. Critical opposition is an equally healthy one. For, through critical analysis, a fundamentally-sound but technically-defective undertaking may be molded into a successful project. However, "sit-down" opposition is obstructionist in nature and reactionary in its application. The forces of chronic obstructionism, over the centuries, have developed a pattern not difficult to recognize, and rather amusing to describe, were it not for the fact

that through such opposition human progress is impeded and human suffering intensified. It may be enlightening to consider such a pattern in a brief discussion. It is, as will be seen easily, applicable to a large number of human activities.

In the first place, a chronic obstructionist brands a project, for example, the Beveridge Plan, as "not practical, as too idealistic." Thus has Christ been condemned, and an abiding faith of people in a Supreme Being discouraged. Sir Thomas More, owing some of his philosophy to Plato, sacrificed his life at the order of Henry VIII, and the term, "Utopia," has since been employed to signify the unattainable. Plato was probably considered not a practical person, and Sir Thomas More paid with his life for expressing a philosophy of living in terms too idealistic for governing authorities.

Our own Bill of Rights, until recently too little advertised and so little appreciated, was doubtless termed too idealistic, and Clemenceau's characterization of Wilson's fourteen points was too bitter a condemnation to be repeated here. Even the Atlantic Charter must meet its share of abuse, and currently the Beveridge proposals are being branded with the same stigmata.

### Monopolies May Interfere

Second only to the criticism of idealism in the pattern diagram of obstructionism is the fact that ad-

vances toward collective social security must encounter the influences of powerful private monopolies. In the instance of Beveridge, the interests concerned are those of private insurance companies. This situation was encountered early in the Roosevelt administration when unemployment insurance and old age pensions were made responsibilities of the Federal government to the possible temporary detriment of private insurance company operations.

The record since that time apparently indicates that private insurance companies have increased the strength of their positions, and will probably continue to do so under any system of social insurance which can be put into operation. I would surmise that, in establishing the soundness of the insurance principle for all of the people, any government in so doing would be offering an award of merit to private insurance enterprise with an encouraging word of commendation for continued usefulness.

There is a third part of the pattern diagram, employed by obstructionists, which is a particularly vicious bit of propaganda to combat, because, in many instances, the charge is a true one. Even one who resists change until the last ditch must admit that all governments have greatly increased their centralized authority within the past generation, and have increasingly put into operation laws regulating individual and

group conduct. The obstructionist shouts that the government never does anything efficiently, and that any private enterprise is to be preferred, for speed of operation, economy in production, and a consumer satisfaction. This is still a democracy, and the process of selection, maintenance, and change is still in the hands of voters. Our government can be what we want it to be; it is our responsibility to see to it that we have a good government.

Fourth, and usually the final, argument of the obstructionist is the too familiar lament about "the rights of the individual." We are supposed to require an incentive, a profit motive, to speed us on our careers as individuals, and the devil take the hindmost. If a government, with the regulative authority of a parent, protects the child against scratches and minor injuries, and supports the child too long, then laziness and indigence is the parent's reward for such over-generous care. The person who seriously advances such an argument forgets, perhaps, the thousands of unsuccessful persons, who have failed but not through their own fault. He forgets, perhaps, if he is a "success" himself, that good fortune and coincidence and not rugged effort may be the cause of advances in his case. Unfortunately our obstructionist colleagues, who employ the pattern diagrams which have just been briefly described do not always

(Continued on page 1243)

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## Dentists in the News

*Los Angeles (California) Examiner:*

A 26-year-old veteran of the Battle of Guadalcanal, Lieutenant Raymond F. Huebsch, a dentist who was stationed on the cruiser *Pensacola* when it was torpedoed, paid high tribute to the wounded sailors on returning to his home at 1052 South Mansfield Avenue. There was never a sailor brought to him, no matter how burned and broken, who wasn't still full of fight and belittled his own injuries. "They would wave you away," he said, "and tell you to take care of someone who was really hurt though they might be burned until they couldn't move."

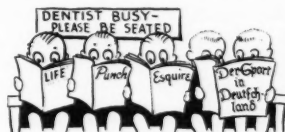
The *Pensacola*, which was in every major action of the first year of the war, was seriously damaged by the Japs at Guadalcanal but survived and became known as "the workhorse of the Pacific." Describing the battle Lieutenant Huebsch said, "A torpedo hit us during the night, about two-thirds of the way astern. It certainly was a bad one, though the shock wasn't so much as from the firing of our own guns. We battled that fire for six hours, brought it under control, and were able to take part in the finishing of the fight."

Throughout the battle Lieutenant Huebsch manned a dressing station and gave emergency aid to the injured.

*Chicago (Illinois) Daily Times:* In a letter to his father in Chicago Captain Bob Bard, who participated in the North African campaign, sent an interesting

comment on his visit to the Army dental clinic:

"The dental room," he said, "presented a very unusual sight. There were three dental chairs and two of them were used by American dentists, while at the third chair a German dentist, who



had been taken prisoner, was working. On the waiting bench there were three German soldiers, one British soldier and a couple of Yanks. It created quite a contrast, yet everybody went about his business in a perfectly normal manner.

"The dentist who fixed my teeth stated that when the American unit took over the hospital after the Nazis withdrew, about 90 per cent of the patients in the hospital were Germans. It appeared that the Germans had retreated so rapidly that they had no choice but to leave their sick and wounded behind with a sufficient number of their own doctors to care for them."

*New York (New York) Herald-Tribune:* A young Russian woman, Doctor Olga Alexander Gariaeff, 28, who was twice obliged to flee war-torn countries, where she had acquired the right to practice as a dentist, has passed the ex-



aminations of the California State Board of Dental Examiners, with the highest average among fifty candidates. She took a four-year course in American dentistry before being allowed to come up for examination.

*Charleston (South Carolina) News and Courier:* The seventeenth annual award for distinguished service to South Carolina has been presented by the state department of the American Legion to Doctor George W. Dick, a dentist of Sumter.

*Saint Louis (Missouri) Post-Dispatch:* The Register of Deeds in Graham, North Carolina, noting the extremely youthful appearance of an ap-



plicant for a marriage license, questioned his age. Doctor Will Long, a dentist, stepped forward, told the young man to open his mouth. The youth complied.

"Fully developed wisdom teeth, perfect set of molars," said Doctor Long. "Certainly he's over 21."

The license was issued.

*Chicago (Illinois) Herald-American:* The Order of the Purple Heart was granted posthumously to Lieutenant Edward Joseph O'Reilly, who was killed in action when the U.S.S. *Astoria* sank in the South Pacific. Lieutenant O'Reilly, who had practiced dentistry for seven years in Chicago, joined the Navy Dental Corps February 10, 1942. The award was sent by the Navy Department to his mother, Mrs. Birdie

O'Reilly, 4029 Harrison Street. Lieutenant O'Reilly was her only son.

*San Francisco (California) Call-Bulletin:* Doctor Ramiro Y. Cruz, a dentist who was born in Mexico, took a trip to



his native country recently, accompanied by Mrs. Cruz. Before he left home a friend thought he ought to have a letter from Mayor Rossi to carry with him. The Mayor prepared a letter commending Doctor Cruz to the good offices of all he encountered and attached the seal of the city thereto. Off went Doctor Cruz and traveled thousands of miles without hazard until near the end of the journey. He found himself unable to get train accommodations home for an entire day, although it was imperative that he take a train immediately. Turned down at the railroad station, he turned forlornly away—and then suddenly he remembered that letter from Mayor Rossi, supposed to be of great potency in a foreign country. He took it from his pocket, flashed it before the railroad representative—and in twenty minutes he was on the train, bound for home."

*Note:* The city in which Mayor Rossi's letter worked such wonders was not in Mexico, where it was never required. It was Los Angeles!

*Saint Louis (Missouri) Post-Dispatch:* Mrs. Loretto Harrison, who gave up the profession of nursing to marry a Collinsville dentist, C. W. Harrison, is now using her training to help ease the

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## ORAL HYGIENE

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shortage of nurses. Last October she took a position as night nurse at the Walworth Company's naval ordnance plant at Washington Park. Since that time she has put all of her salary in war bonds. In explaining to a reporter why she came out of retirement Mrs. Harrison said:

"I heard there was an opening at the Walworth Company so I went over to

the plant and got the job. Then I realized that, since I didn't really need the job, I might be canceling out my contribution to the war effort if I spent my salary and put just that much more money into circulation. So I decided to take my salary in war bonds. I am going to keep it up until the war is over, and then I'm going back to being a housewife again."

This month's awards for stories published in **DENTISTS IN THE NEWS** go to:

GEORGE D. ROUSE, D.D.S., The Argyle Hotel, Charleston, South Carolina

W. J. BOCZEK, D.D.S., 5458 Lillian Avenue, Saint Louis, Missouri

PHILIP R. DAVIS, 33 North La Salle Street, Chicago

JAMES E. MAHONEY, D.D.S., Wood River, Illinois

### CAN YOU USE A DOLLAR?

TO EVERY READER who contributes a newsworthy item, something unusual about a dentist, *which is published in Dentists in the News*, we will send promptly a crisp, new one dollar bill. Every clipping must be taken from a newspaper and carry the name of the publication and the date line. Clippings submitted cannot be returned. When more than one copy of a clipping is submitted, the first one received will be used. Send all items to: **Dentists in the News, ORAL HYGIENE, 708 Church Street, Evanston, Ill.**

### BEVERIDGE IS NOT BUNK

(Continued from page 1240)

make an honest, careful analysis of failures that result from weaknesses in our social structure.

The Beveridge Plan is not perfect. I have never heard of anything that was. It is far from being the only problem of postwar planning urgently requiring attention.

It is not the only problem which may be left unstudied until too late.

But, the Beveridge Plan is not *bunk*.

60 Charlesgate West  
Boston, Massachusetts

# Editorial Comment

"Give me the liberty to know, to utter, and to argue freely according to my conscience above all liberties," John Milton

## THEY CANNOT SPEAK FOR THEMSELVES

ON PAGE 1230 is a short story of discrimination. In a few words and with a few figures it tells a story that should be of interest to every dentist. The present members of the Dental Corps of the Army and Navy are the persons who are suffering because the Act of Congress that provides parity in military grade with medical officers is being ignored by the War and Navy Departments. Civilian dentists likewise suffer from the present policy of discrimination. Whatever lowers dentistry in the public eye affects the life of every dentist. If dentists in the Army and Navy cannot have authority over the affairs of their own Corps and are dominated by the Medical Corps, it does not take long until soldiers and sailors observe and realize this fact. They will begin consequently to think of dental service as something inferior to medical service and the dentist as a person inferior to the physician. This train of insidious thinking will, in time, undermine our public relations and nullify many of our ambitious programs in public health education. It will endanger the future.

We hear considerable talk about postwar dentistry. We have been told that the present millions in military service, if properly treated by dental officers, will create an enormous future market for dental service. That is true, provided the soldiers and sailors of the present are given the impression that dental services and dental officers are as important as any other cogs in the military machine. Dental officers who now suffer indignities because of their lack of administrative authority are not in the best frame of mind to do their job. Most of them work harder than they did in private practice. They make a greater tangible contribution in service than does almost any other kind of officer. (See *THE SCORE OF ACCOMPLISHMENT*, Page 1231.) The government of the United States, through the War and Navy Departments, owes dental officers full freedom to administer the affairs of the Dental Corps free from domination by the Medical Corps.

Following the publication of the article *RANK WITHOUT AUTHORITY* in July *ORAL HYGIENE* a heavy correspondence was received. Letters

from members of the Congress expressed interest in the unfair treatment received by the Dental Corps and promised to help to correct the situation. The *Army and Navy Journal* of July 17 carried a full and fair report of the article RANK WITHOUT AUTHORITY. An analysis of sentiment expressed in the letters received suggests that Army and Navy officers are helpless to help themselves; they can't talk up. Everything in the nature of reports and correspondence must "go through channels." It means in the case of the Dental Corps that comments or suggestions for improvement in dental service must "go through medical officers." Any report not to the liking of a medical officer can be submerged quietly. The situation of the Army and Navy Dental Corps, therefore, can be clarified only by force from civilian dentists. The force, of course, is that of public opinion. If a remedy is not forthcoming through suitable changes in the Army and Navy Regulations, the duly constituted officers of the American Dental Association must be prepared to tramp through the Halls of Congress until corrective legislation is secured.

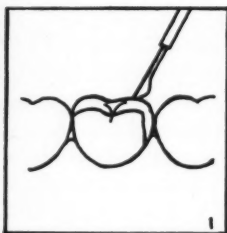
Many of the officers in the Dental Corps have expressed the opinion that unless the American Dental Association is able to accomplish suitable correction to give autonomy to the Dental Corps the future of the Association is in jeopardy. The 22,000 dentists in the Service who cannot speak for themselves are looking to the American Dental Association as their vigorous crusader and spokesman. If the American Dental Association is too timid, too slow to act, too festered with politics, many of the dentists in the Service will lose respect and will withdraw their support from the Association. It is not enough for the officers and delegates and committeemen of the Association to raise their voices. An indignant upsurging of the entire profession is needed. It is likely that at the meeting of the House of Delegates in October a strong action will be taken to improve conditions in the Army and Navy Dental Corps. After that action every dentist in practice should join the crusade. By so doing we are doing more than helping the 22,000 dentists in Service—we are also protecting the future of the profession and keeping our self-respect. If we can be run over and trampled on now, we cannot expect any better treatment in the days to come.

Edward J. Ryan

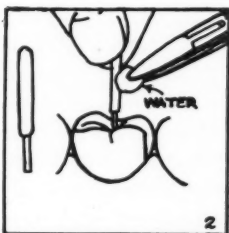


**Conducted by W. EARLE CRAIG, D.D.S.**

*Drawings by Dorothy Sterling*



Prepare cavity and make wax pattern in the usual manner.



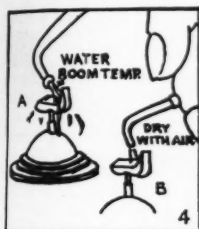
Sprue (see detail drawing) in center of occlusal surface. Cool sprue by touching with a pledget of cotton dipped in cold water.



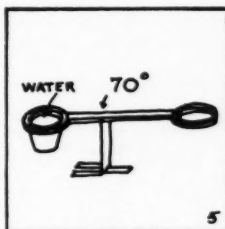
Wash pattern with drene, slik-cast, or other debub-bleizing compound.

# Inlays by the Hollenback Method

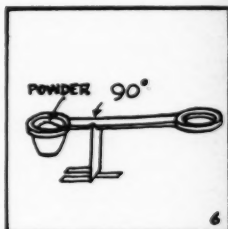
By G. A. Stratton, D.D.S.



Wash pattern with room-temperature water. Then dry thoroughly with chip blower.



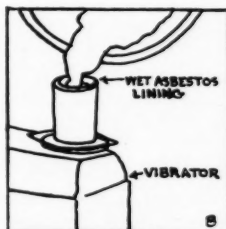
Measure investment carefully:  $3\frac{1}{2}$  parts of powder to 1 part water by weight. Beauty-cast investment is used.



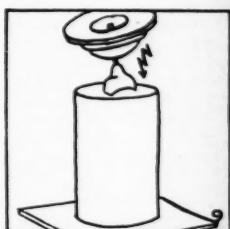
Weigh on the powder-control side of Kerr scale.  $70^\circ$  for water,  $90^\circ$  for investment, will make exactly the right mix and enough to fill the small ring.



Mix investment with spatula, then with mechanical spatulator, making a thick mix. Paint on pattern, using a stiff brush and starting underneath pattern. Be careful not to trap air.



Line a casting ring with asbestos. Place on a glass slab and fill with investment

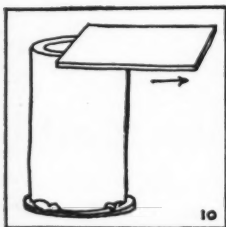


Push the sprued pattern into the mix with a slight pumping motion.

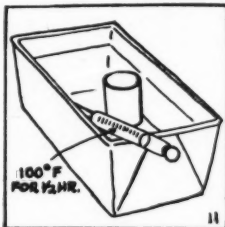
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## Inlays by the Hollenback Method

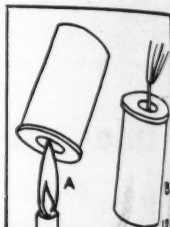
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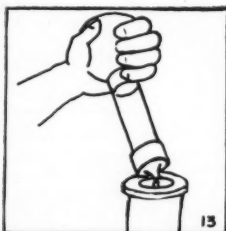
Invert ring and remove glass slab.



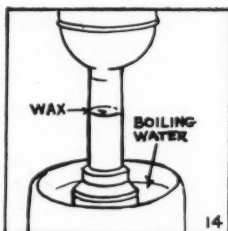
Immerse immediately in water at 100° F. for 30 min.



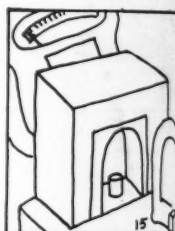
Remove from water. After slightly heating, remove sprue, leaving sprue-former in place.



Compress bulb of the wax-eliminator to expel air. With twisting motion, insert into counter-sink in bottom of sprue-former. Release bulb. This causes partial vacuum in the eliminator.



Place invested pattern (with eliminator in position) in a baby-bottle warmer filled with boiling water for 3 min. Partial vacuum causes wax to rise into tube. Remove eliminator and sprue-former.



Dry out in electric furnace or over Bunsen flame. 800° F.—never over 1000° F. After 40 min., cast in usual manner. If temperature does not rise above 1000°, mold may be left in furnace longer.

### DENTAL FIRST AID FOR SUBMARINES

IN ORDER TO take care of dental emergencies that arise on submarines, steps have been taken recently by the Navy to alleviate such suffering by instituting a course of instruction in the treatment of dental emergencies. A small group of pharmacist's mates are being assigned regularly to a dental clinic to observe various conditions and the treatments used. A mimeographed sheet covering treatments and symptoms has been prepared to accompany the small drug kit that is used to treat dental conditions.—*Army and Navy Register*.

Please  
D.D.S.,  
Colorado

Ramp

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# Ask Oral Hygiene

Please communicate directly with the Department Editors, V. Clyde Smedley, D.D.S., and George R. Warner, M.D., D.D.S., 1206 Republic Building, Denver, Colorado, enclosing postage for a personal reply.

## Rampant Caries

Q.—Could you offer an opinion on this case? A young married woman, 26, mother of two small children, presented from an adjacent town for dental treatment. An examination disclosed that typical gingival caries were present on the buccal surfaces of lower first and second molars, also in the bicuspid and cuspid on both sides. The enamel at the gum margin had turned white about one-sixteenth of an inch wide and was broken in various places. The upper teeth showed much less involvement. Only on the gingival area of the cuspid, right and left, and also on one second molar, was the enamel broken. There was one proximal cavity on the lower and five M O or D O restorations required on the upper teeth.

The patient had had several restorations placed before I saw her—but only one or two small cervicals. Her mouth was generally in a well-kept condition, indicating a fastidious patient, well acquainted with a toothbrush.

She was anxious to know why she had suddenly acquired so many cavities and asked me the cause. I told her that in my opinion she probably had an acid condition of the saliva, possibly a systemic disturbance following the birth of the two children, that might be a temporary—perhaps a dietary problem.

On reporting my opinion as to the acidity, to her physician, he ridiculed the idea generally, although he did say that she probably had a calcium deficiency in her diet.

I have always considered a whitening of the gingival enamel indicative of chemical deterioration of the surface. Am I wrong?—E. C. P., Washington.

A.—Your patient has a case of rampant caries, the cause of which may be endocrine gland deficiency

as a result of childbearing. If the patient had no cavities until she had children it is quite possible, if not probable, that there is thyroid deficiency. At least it would be worth while to have a basal metabolism test made.

One most common cause of caries is an excess of carbohydrate in the diet, particularly in the form of sugar.<sup>1</sup> This can be determined by the bacillus acidophilus test. Doctor Hermann Becks, Hooper Foundation, Dental Department, University of California, San Francisco, can make the bacillus acidophilus count for you. — GEORGE R. WARNER.

## A Desensitizer

Q.—Please advise which solutions may be used to desensitize areas around the necks of teeth.

I have used silver nitrate and eugenol which leaves a stain. I have also used formalin and the application of a warm instrument over formalin application. This seems rather painful to the patient.—J. L. L., New Jersey.

A.—Precipitated silver nitrate is the most efficient desensitizer of these areas, but of course, it cannot be used in all cases because of discoloration.

Next most effective for this purpose is formalin, burnished into

<sup>1</sup>Jay, Philip; Hadley, Faith; Koehne, Martha; Bunting, R. W.: Observations on Relationship of Lacto-Bacillus Acidophilus to Dental Caries in Children During Experimental Feeding of Candy, J.A.D.A. 33:836 (May) 1936.

such dried surfaces with an orange-wood stick, the tip of which is dipped frequently into the formalin solution as hard burnishing is continued for several minutes.—V. CLYDE SMEDLEY.

### Fractured Roots

Q.—Having bothered you for advice in the past, I now wonder if you can help on the following case:

The patient, an Italian woman, age, 50, has all her own teeth and no restorations. When she was 16 she suffered a blow on one of her upper centrals, which you can see, upon examining the enclosed roentgenogram, shows a com-



plete fracture of the root. There has been no change in the color of the tooth, no soreness, and we get about the same degree of reaction at the incisal edge as we do on the other central when using the pulp tester.

Several dentists have examined this tooth since the accident and now she wants my opinion.—H. M. B., Pennsylvania.

A.—Some years ago Doctor R. Ottolengui reported a series of

fractured root cases in which the vitality of the teeth remained normal over a term of years. Your case falls in this class and is most interesting because the tooth has remained vital over thirty years and is now roentgenographically normal, as shown by the accompanying roentgenogram. I believe this tooth can be retained with perfect safety from the point of view of the patient's health.—GEORGE R. WARNER.

### Abnormal Frenum

Q.—A woman, 50, wants a lower denture but she has an abnormal lingual frenum. She has a smooth, large, lower ridge, but all the muscle, tongue and cheek tissue have their attachment close to the crest of the ridge as is the case with the lingual frenum.

I called in my physician and asked him what he thought of the frenum and he said it was broad and peculiar and that he would be afraid to cut it. The attachment is about a half-inch broad and it seems as if the floor of the mouth comes right up to this attachment.

What would you advise in this case?—F. F. T., Nebraska.

A.—I feel sure that this abnormal lingual frenum could be operated on successfully. There was a woman in my office today for whom our oral surgeon operated on a similar frenum eight or ten years ago and she stuck her tongue clear out onto her chin to show me how completely successful the operation was. But she recalled to my mind, also, how sore and swollen and uncomfortable she was for a number of days.

If you think your patient would rather not undertake this operation, I would not think that this would necessarily mean that she could not wear a denture. It should

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\*Talbot,  
Obstetrics

be entirely possible to make a denture, cradled in by all of these high muscle attachments, that could be worn with considerable degree of satisfaction.—V. CLYDE SMEDLEY.

### Effect of Extractions

Q.—I would like to know whether or not there is any unusual danger for a pregnant woman in multiple extractions. If there is, at what period would such extractions be dangerous?

Any further information you could give me on this subject would be appreciated.—F. L. F., Pennsylvania.

A.—To the best of my knowledge there is ordinarily no more danger in multiple extractions for a gravid woman in otherwise good physical condition than for the same woman when not pregnant.

If the teeth are to be extracted because of being foci of infection there would probably be more danger to the pregnant woman and the fetus in their retention than in their removal, except under certain conditions.

Talbot<sup>2</sup> sees a danger in their removal during active toxemia of pregnancy or during the first three months of pregnancy, and especially during the first two months. He even thinks that treatment of an infected root canal is dangerous during this period. "When such dentistry (root canal treatment of periapical infection or extraction) is deemed necessary, the best time for it is between the 4th and 7th month of pregnancy." He says further, "The dentist should see the pregnant woman oftener than usu-

al so that he can keep her gums in good condition and prevent the advance of caries and pyorrhea, which are so much aggravated by the pregnant state."—GEORGE R. WARNER.

### Unerrupted Tooth

A patient of mine, sixty-nine years of age, presented himself to have his denture trimmed because of its being uncomfortable. Upon further examination, I found what appeared to be a small

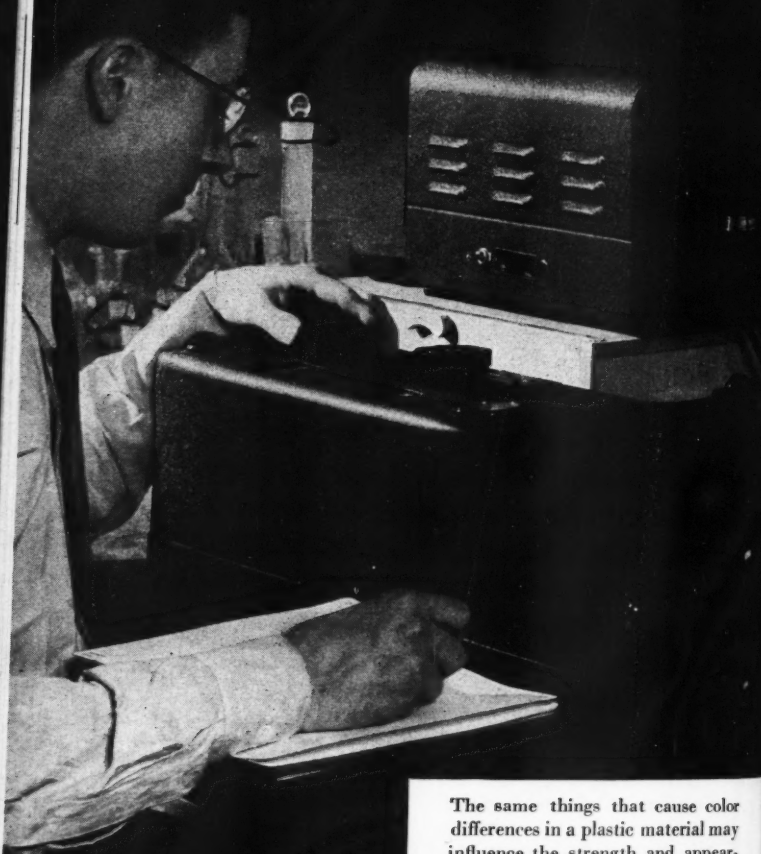


root protruding from the anterior portion of the jaw. An X-ray examination showed only the crown of the tooth which was upside down.

When the patient was eight years of age, he mutilated the tooth with a new knife he had just received in order to relieve a localized area of pain. This caused the tooth to become an unerupted tooth, and over a period of sixty years that tooth grew into the shape pictured here.—E. Gatlin Miller, D.D.S., 8006 Sunset Boulevard, Hollywood, California.

<sup>2</sup>Talbot, J. E.: The Relation of Dentistry to Obstetrics, J.A.D.A. 12:296-302 (March) 1925.

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THIS color machine is so sensitive that it can detect a color difference not visible to the naked eye. With the spectrophotometer, Du Pont technicians measure the colors of many raw materials and products. This test, as applied to the methyl methacrylate monomer used in "Lucitone", has given assurance of the absence of impurities which could endanger the uniform properties of the finished product.

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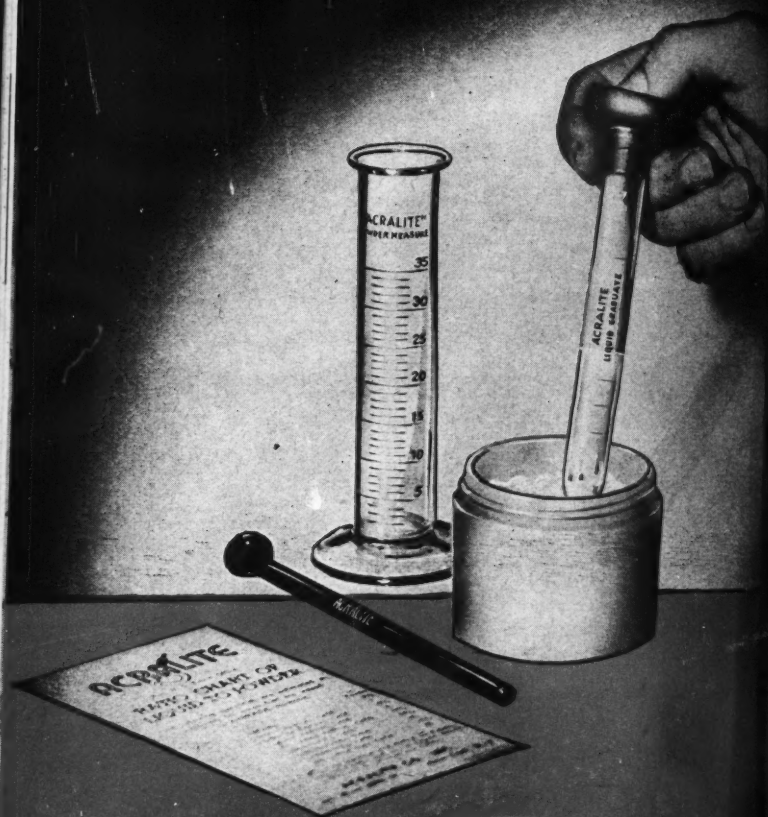
*"LUCITONE" is the trade mark on the only methyl methacrylate resin denture base material completely processed by Du Pont. "Lucitone" is distributed solely by The L. D. Caulk Company, Milford, Delaware.*



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# Laffodontia

A couple of Scotsmen were walking along the road together and one was jingling something in his pocket. His pal remarked, "Jock, you must have plenty of money in there?" "Oh, no," says Tam, "That's my wife's false teeth . . . you see, there's too much eating between meals in our house."

★

Plumber: "Sorry, sir, I've forgotten my tools."

Professor: "That's all right, I've forgotten what I wanted you for."

★

"Everyone aboard?" inquired the motorman of a crowded street car.

"Hold on," came a feminine voice. "Wait till I get my clothes on."

All the male passengers craned their necks expectantly. They saw a girl get on the car with a bundle of laundry.

★

Another cub reporter came in for his share of literary fame when he described a ship's launching as follows:

"Completing an impressive ceremony, the lovely daughter of the founder smashed a bottle of champagne over her stern as she slid gracefully down the ways."

★

A milkman, inducted into the army, wrote his wife:

"This army life is great. It's sure nice to lie in bed until 5:30 a. m."

★

Passenger: "Why is our train late?"

Porter: "Well, suh, de train in front is behind, and we was behind before besides."

The colored soldier had been peeling potatoes until his hands ached. Turning to a fellow K. P. he said: "What d'you suppose dat sergeant mean when he call us K. P.?"

"Ah dunno," replied his co-worker. "But from de look on his face, Ah thinks he meant 'Keep Peelin.'"

★

A medical friend of mine examined a man in a hospital the other day. As he bared his chest he revealed tattooed portraits of the King and Queen.

"Want to proclaim your patriotism, eh?" said the doctor.

"That's right," was the reply. "And you should see where I've got Hitler!"

★

Husband: "It must have been some sailor with the wrong number—he wanted to know if the coast was clear."

★

A teacher called for sentences using the word "beans."

"My father grows beans," said the bright boy of the class.

"My mother cooks beans," came from another pupil.

Then a third piped up:

"We are all human beans."

★

"Did that sailor get fresh with you last night?"

"Mother, you don't think he came all the way over from that battleship just to listen to the radio, do you?"

★

Sign in a Department Store: "Customers Notice: Please be kind to our help. They're harder to get than customers."

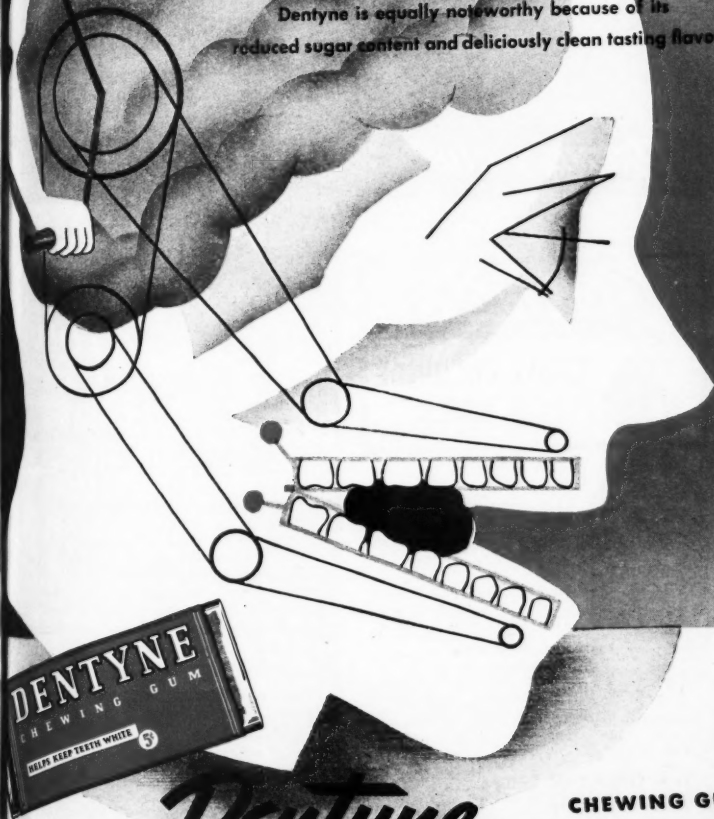


## FUNCTIONAL ORTHODONTICS

Authorities insist that an inefficient dental configuration (particularly in younger patients) may often change with time, under vigorous masticatory effort, in the direction of a more workable balance of occlusal forces.

For this purpose, the muscles of mastication act as a potent "orthodontic apparatus," whose latent influence can be brought into play by the regular use of Dentyne Gum—large in bolus, and specially resilient — an "appliance" to be used, rather than worn.

Dentyne is equally noteworthy because of its reduced sugar content and deliciously clean tasting flavor.



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It delivers an elliptical field of light instead of a sharp "spot"—always sufficient light inside the mouth. Cool beam. Tissues in natural colors.

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Send for illustrated circular giving full details



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protects both DENTIST AND PATIENT

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tures of efficiency and safety. Factually, in excess of 85% of the ultra-violet output of the lamp is within the germicidal range. The scientifically designed reflector provides for unprecedented intensity of the lethal beam. A permanently fixed baffle protects room occupants against direct exposure by confining the projected rays above the line of vision. Cost?... less than 3¢ a day for electricity and lamp replacements.

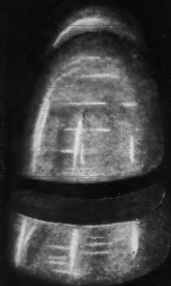


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# Labial contour



Mesio-distal contours are:

- a. Dominantly flat
- b. Dominantly curved.

Either of these may be smooth or broken by supplementary curves.



in any set-up of artificial teeth, the shape or outline of the teeth can be controlled merely by manipulation of the base material.

# our wide tooth selection..

The outline of a tooth changes constantly throughout life as wear occurs through abrasion and attrition, whereas labial contours and markings remain *unchanged!*

As you know, in any set-up of artificial teeth, the shape or outline of the teeth can be controlled merely by manipulation of the base material. In expert tooth selection therefore, *dominant labial characteristics* are used as a guide!

The mesio-distal contour is the most obvious tooth curvature. From it emanate the highlights which reflect the true personality and alive quality of the tooth.

That's why Five-Phase Anteriors are available with dominantly flat or dominantly curved labial contours in each mold size. Each mold is so marked by symbols "C" (dominantly curved) or symbol "F" (dominantly flat).

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**chrome**  
COLORS



## FIVE-PHASE A N T E R I O R S

...are the only artificial teeth that faithfully reproduce the natural tooth forms, varied labial surface markings, colors and texture. They are carved to the *true anatomy* of human teeth, not to a *conception* of what teeth should appear to be. This esthetic advance is at once obvious when the case is tried in the mouth.

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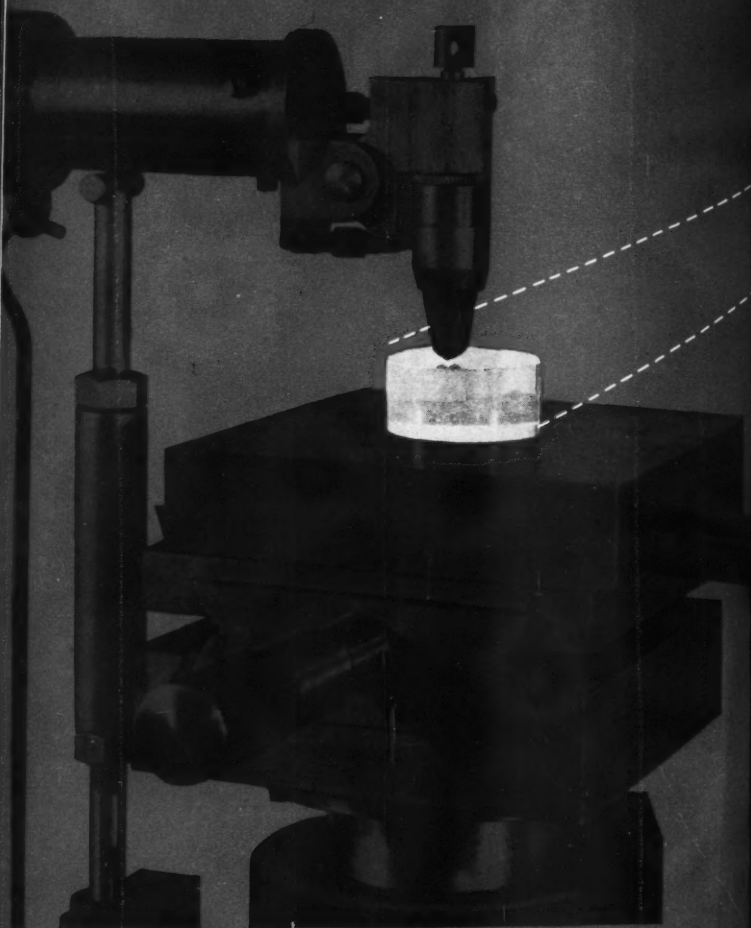

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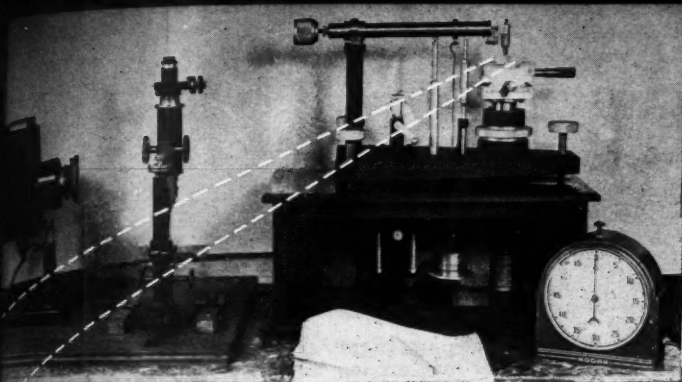
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*The* **INDENTATION TEST**  
*for* **HARDNESS**



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*makers and distributors*



**7a** serve satisfactorily for four, five, six years or longer—  
to resist masticatory shocks that run into millions, and  
abrasion difficult to calculate, a denture material **MUST**  
have a substantial degree of hardness.

Satisfactory hardness in a methyl methacrylate resin  
depends in part on the purity of ingredients, what it does  
*not* contain as well as what it does. Vernonite is made of  
100% pure acrylic resins; no commercial powders, no  
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gredients of any kind are tolerated. \*On this basis Vernonite

should *and does* stand up in the mouth  
for long periods. Cases placed as far back as  
1936 are still giving pleasure to patients.

But, the Vernonite Research staff does  
not stop with a mere check of purity.

Vernonite is subjected to the diamond-pointed Indenta-  
tion Tester, the only one in use by a dental manufacturer.  
Hardness, that is, resistance of the surface to indentation  
is carefully measured—and no material that fails the test  
is ever offered for sale. Thus, when *You* order *Vernonite*  
you can be *sure* it will have and retain the necessary  
hardness. You can face your patients with confidence as  
long as they wear your Vernonite dentures.

*\*Vernonite's resinous ingredients are made by Rohm &  
Haas Co. to our specification exclusively for Vernonite.*

**TONENSHOFF CO.**

P. O. BOX 1587

PITTSBURGH 30, PA.

*distributed by* methacrylic **VERNONITE**

# Use STERO-OIL

— to save time  
— to save repair layups

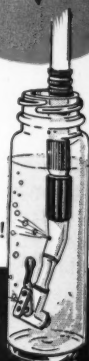
Time lost is money lost. *Regular use* of Stero-Oil avoids time-wasting handpiece trouble and repair . . . *Regular use* of Stero-Oil gives you a clean, dependable, smooth-running instrument.

*One BOTTLE -- One MINUTE -- One OPERATION!*

STERILE  
PRODUCTS  
COMPANY  
San Diego  
California

**STERO-OIL**  
OILS - cleans - helps to  
prevent disease transmission

Order  
Today

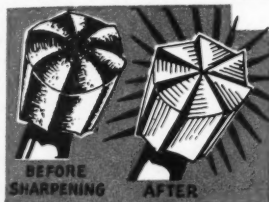


NO  
INCREASE  
IN  
PRICE

**75c**  
AT YOUR  
DEALERS

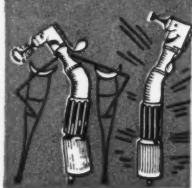
## BURS!

NAVY & ARMY  
USE MULLEN  
SHARPENED BURS



BEFORE  
SHARPENING

AFTER



### HANDPIECES

Wobbly handpieces annoy you . . . and pain patients. We remove all old parts. Then "lap in" new parts to micrometer fit! Smooth quiet operation like NEW! Contra-Angle 3.85. Straight Handpiece 9.00. Unconditionally guaranteed.

SEND dull burs to MULLEN now. Our grinding specialists sharpen them like new burs. Burs are sorted first. Only those that will give NEW BUR SERVICE are selected. Special sharpening stones run thru water-filled sponges keeping burs cool. Therefore no loss of original temper while re-grinding to new, keen edges. MULLEN Sharpened Burs never scrape or heat . . . they CUT! Assure you faster, easier, painless work. Price 3.50 per gross. Send your old burs today. Work is unconditionally guaranteed.

You can rely on Mullen Service. Well known for many years. Used by ARMY and NAVY.

### \$1 Trial

Special! Send 4 dozen Burs. Re-Sharpended like new for only \$1. (Introductory only) Guaranteed Fully.

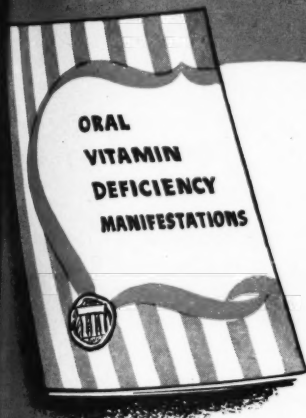


Mullen Bros., 153 W. 69th, Chicago

# Vitamins in Dentistry

A New, Authoritative Booklet

Giving You The Latest Facts



MORE and more people are seeking professional advice concerning the use of vitamins—and the knowledge of this subject is constantly changing and expanding.

To save your time in these busy days—to enable you to apply vitamin therapy to best advantage—and to answer your patients' questions, E. R. Squibb & Sons have prepared a new authoritative booklet—"Oral Vitamin Deficiency Manifestations."

## Why You Will Want the Booklet

### "ORAL VITAMIN DEFICIENCY MANIFESTATIONS"

This new booklet discusses the relation of vitamins to teeth, gums and mouth, in the light of the more recent clinical studies of vitamin therapy in oral conditions.

It contains over 50 references to published papers and has been reviewed by leaders in the fields of nutrition and dentistry.

A handy chart shows the oral signs and symptoms of vitamin deficiencies and the indications for vitamin therapy.

*This valuable booklet is FREE—Just send in the coupon with your professional card or letterhead.*

## SEND IN THE COUPON, NOW

E. R. SQUIBB & SONS,  
Professional Service Department,  
745 Fifth Avenue, New York 22, N. Y.

OH 943

Attached hereto is my professional card or letterhead. Please send me, without obligation, a copy of "Oral Vitamin Deficiency Manifestations."

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Street .....

City..... State.....

E. R. SQUIBB & SONS

MANUFACTURING CHEMISTS TO THE MEDICAL  
AND DENTAL PROFESSIONS SINCE 1858

NEW YORK

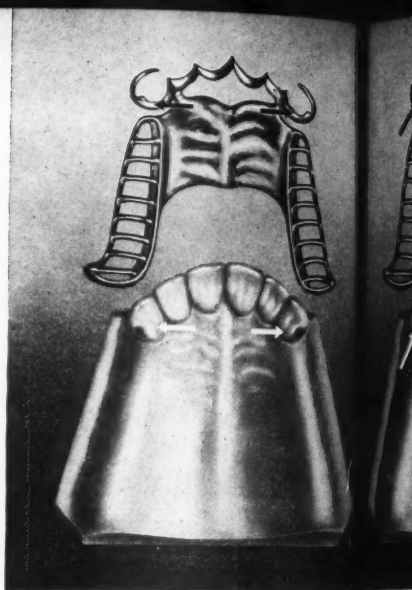
**H**ERE is a practical solution (designed according to the Ney Surveyor System) to that common and difficult upper free-end saddle case supplying all of the posterior teeth. The arrows on the three adjoining illustrations indicate the points of definite bracing, support, and retention provided by the correctly designed Back-Action Clasps on the cuspid abutments.

In designing this case on the Ney Surveyor, a posterior tilt was given the model to produce undercuts on the distal of the cuspids. These undercuts are engaged by the Back-Action Clasps and serve to hold the saddles against the ridges. Additional stability is provided by the continuous lingual clasp.

Purely from the standpoint of its advantages as a structural material, the greater strength, toughness, and resiliency of gold make it possible to give this or any other partial denture that light and streamlined construction which is essential to comfort.

As a practical measure of relative cost, the finished casting as illustrated weighed  $6\frac{1}{2}$  dwt. in NEY-ORO G-3 (\$13.00 worth of metal); made in PALINEY #4, an excellent platinum-palladium white gold, it weighs only  $3\frac{1}{3}$  dwt. (\$6.67 worth of metal).

*There's a lot of interesting technical information in The Ney Surveyor Book and The Ney Partial Denture Book, copies of which are yours for the asking.*



## Bracing

Bracing against lateral movement in the anterior region is a function of the mesio-lingual truss arms and rigid lingual portions of the Back-Action Clasps supplemented by the continuous lingual clasp and the wide anterior palatal bar. Bracing in the posterior region is dependent upon the contact of the broad saddles against the ridges.

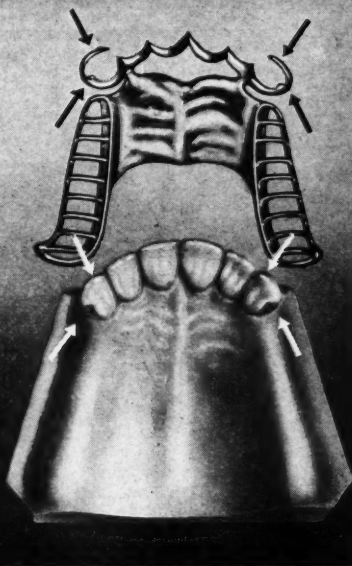
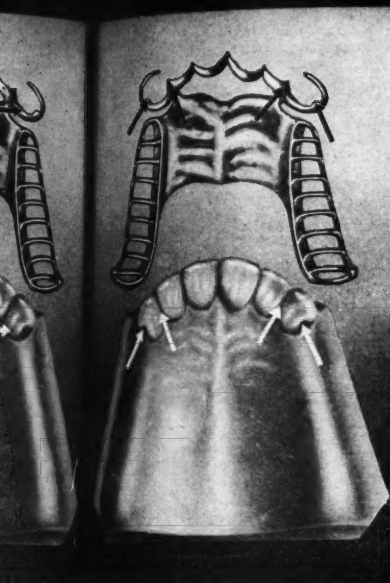
Tooth-bearing occlusal relations of the support comes from the anterior breaking action permits both support with abutments.

NEY-ORO  
PALINEY

QUALITY IN MATERIALS

NEY

PARTIAL DENTURE



## Support

g  
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of the mesio-  
Lingual por-  
clasps supple-  
Lingual clasp  
al bar. Brace  
is dependent  
road saddles  
Tooth-bearing support is supplied by the occlusal rests and the rigid lingual portions of the clasps. Tissue-bearing support comes from the broad saddles and the anterior palatal bar. The stress-breaking action of the Back-Action Clasps permits both tooth and tissue-bearing support without overstressing the cuspid abutments.

NEY-ORO G-3 Unit price \$2.00 per dwt.

PALINEY #4 Unit price \$1.25 per dwt.

## Retention

The resilient distal and labial sections of the Back-Action Clasps engage the undercuts on the abutment teeth provided by correct tilting of the model, and retain the case firmly in its seat.

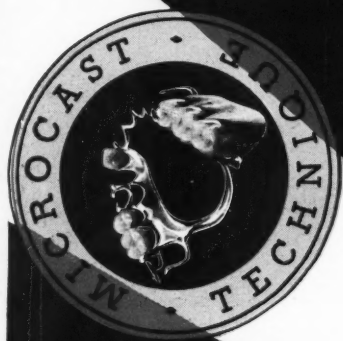
THE J. M. NEY COMPANY  
HARTFORD, CONN.



ALS MATCH EXCELLENCE IN DESIGN

# ADVENTURE GOLDS







# L I G H T S !

... "The Friendly Alloy" . . . . Direct focus on Vitalium and Vitalium Laboratories . . . All-out for Victory Quicker, in Dentistry, Surgery and Vital Military Castings . . . Vitalium Laboratory Service, geared to wartime needs, important auxiliary to chairtime conservation.

★ TRADE MARK REG.  
U. S. PAT. OFF.

Conserve Chair Time . . . SEND YOUR CASES TO A VITALIUM LABORATORY

**AUSTENAL LABORATORIES, Inc.** NEW YORK CHICAGO

for  
**DOUBLE** protection  
 of TOOTH and RESTORATION  
 use use  
**COPALITE** **OVR-COTE**



COPALITE is a convenient and highly efficient intermediary varnish and dentinal tubuli seal. Used under fillings, inlays, crowns and other restorations, it provides PROTECTION and insulation.

Its extremely thin coating occupies practically no space, yet it forms a STRONG joint between restoration and dentine. It penetrates, fills and seals the tubuli. It is soothing, germicidal, resistant to thermal shock.

The use of Copalite assures longer lasting, stronger, more serviceable restorations. Formula of Dr. Ralph C. Cooley. A package — enough for 500 applications, costs little more than 1/2 c per application.



OVR-COTE is a covering lacquer. It is the ideal safeguard for silicate porcelain and silicate cement. Ovr-cote PROTECTS the restoration against moisture and air until crystallization is sufficiently advanced. It's easy to use, quick setting, tough, and adhesive.

Ovr-cote is impervious to ALL mouth fluids and is long lasting. Its protective action definitely assures hardness of texture and permanence.

Use Ovr-cote and Copalite on every restoration. The cost is negligible.

Through your dealer



**HARRY J. BOSWORTH COMPANY**

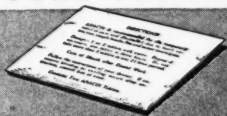
1315 SOUTH MICHIGAN AVENUE • CHICAGO, ILLINOIS

"TAKE THESE TWO ANACIN TABLETS NOW  
AND TWO MORE WHEN YOU GET HOME  
IF THE PAIN PERSISTS. THEY'LL GIVE YOU  
QUICK RELIEF."



## SOUND ADVICE BUILDS A SOUND PRACTICE

Anacin helps relieve dental pain promptly.  
That's why many thousands of dentists  
use and recommend it every day, after  
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The Anacin Company, 8100 McCormick  
Boulevard, Chicago, Illinois.

# ANACIN



# As White as Snow and as Pure....

*You Actually Eat It in Ice Cream*



**In 7 Out of 10 Cases, Dr. Werner's  
May Make All the Difference  
in the Crucial Adaptation Period**

A gentle dusting of the dental plate with this pure, snow-white powder . . . what a difference it may make, in the patient's functional satisfaction.

## **An Indispensable Aid and Comfort**

Particularly during the crucial adaptation period of the new denture wearer, Dr. Werner's powder has often proved an indispensable aid and comfort. A superior product, as may be *observed* from its snowy-white appearance —and easily *demonstrated* at first application. Its purity may be judged from the fact that the basic ingredient of Dr. Werner's is the same ingredient used in making ice cream.

## **Laboratory Proof**

Impartial laboratory tests prove Dr. Werner's powder to be 26.1% whiter and purer than the average of leading competitors, 50% more viscous (for maximum security) and 46.5% more absorbent (for faster denture control).

**FREE SUPPLY ON REQUEST. Werner Dental Mfg. Co.,  
Dept. 1-J, 190 Baldwin Ave., Jersey City, N. J.**

# **DR. WERNER'S POWDER**

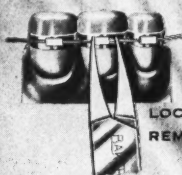
**ADAPTS THE PATIENT TO THE DENTURE**

# Baker GENUINE JOHNSON MATERIALS

## AND INSTRUMENTS



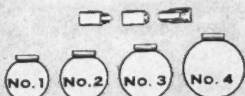
IMPROVED JOHNSON LOCK



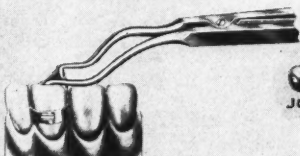
LOCK SEATING AND  
REMOVING PLIERS



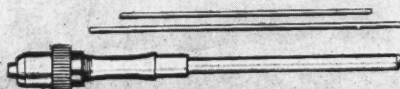
LOCK PLACING PLIERS



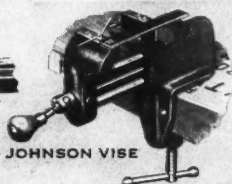
ANTERIOR PINCH BANDS



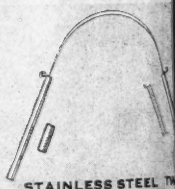
ANTERIOR BAND FORMING PLIERS



COIL SPRING MANDRELS & CHUCK



JOHNSON VISE



STAINLESS STEEL  
WIRE ARCH ORAL  
TUBES  $\frac{1}{8}$ " X .036 SPR  
STEEL COIL, .009 W



LOOP MOLAR BANDS

THERE is both safety and pleasure in using genuine proven Johnson Twin Arch materials carrying the inventor's approval and the guarantee of the Baker name.

Locks are mounted on 4 sizes of Platin-aloy pinch bands,  $\frac{1}{8}$ " and  $\frac{3}{16}$ " wide, either with or without ligature holes. The present caps have just the right amount of friction.

You need stock only 4 sizes of the Oralium or Platinaloy molar loop bands.

Don't be fooled into buying makeshift wire and tubing. We have  $\frac{1}{4}$  and  $\frac{1}{2}$  lb. spools of all sizes specially hard-drawn spring wire and soft ligature wire. Our carefully made genuine Johnson laminated arch tubing .023 I.D. x .035 O.D. costs a few cents more, but does not bend in the mouth after soldering.

Let us send you a Johnson outfit complete with instruments, reprints of the technique and catalogue of our entire orthodontic line. Be sure to give us your dealer's name.

BAKER & CO., INC., 113 ASTOR ST., NEWARK, 5, N. J.  
NEW YORK, 7 CHICAGO, 2 SAN FRANCISCO



**FLEER'S**  
**DUBBLE BUBBLE**  
*Gum*  
**IS NO LONGER**  
**ON PUBLIC SALE**



**BUT**

**in response to requests  
 from many dentists, we are  
 arranging to make some  
 available to dental patients.**

**SEND COUPON FOR INFORMATION.**

**FLEER'S** **DUBBLE BUBBLE**  
**CHEWING GUM**

**Frank H. Fleer Corp., 1000 Diamond St., Philadelphia, Pa.**

**Gentlemen:**

**Please send me information explaining how my patients can  
 purchase Dubble Bubble Gum for therapeutic use.**

**NAME** \_\_\_\_\_

**ADDRESS** \_\_\_\_\_

**ERIALS**

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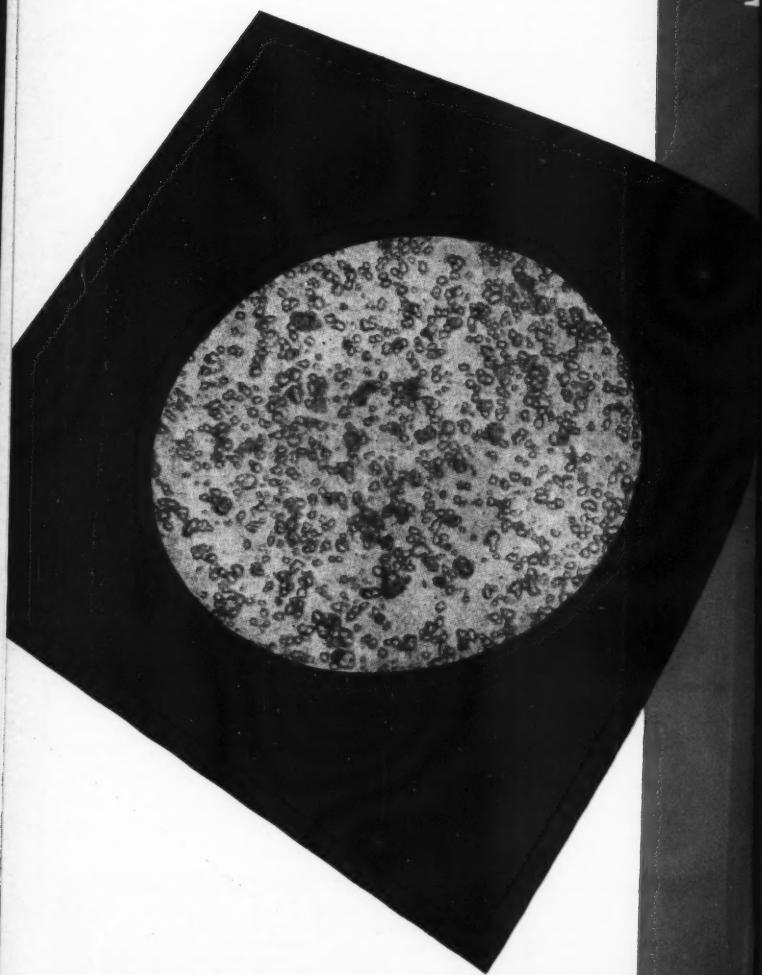
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SS STEEL TW  
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 OIL.009 W

No. 3

NDS

5. N. J  
 NCISCO



*This is why*

the "particle-size"

of Fleck's Cement

*is important...*

**FLECK'S CEMENT** particles are illustrated in this microphotograph. The maximum measure of a particle is *ten microns*. Note their phenomenal uniformity at that size!

This is one of the important reasons why Fleck's Cements develop such great density and such tremendous resistance to compression, disintegration and solubility. It is also the reason why you can seat the most finely adapted work—accurately—with a strong, thick-mix of **FLECK'S CEMENT**

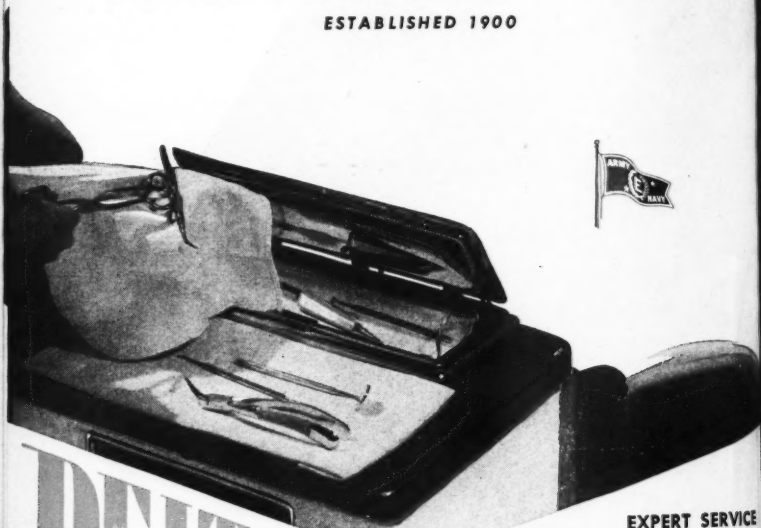
**MIZZY, INC. • 105 East 16th Street • New York City**

*"My hands don't touch*  
**STERILIZED INSTRUMENTS**

AFTER sterilizing, remove instruments from tray immediately, preferably with sterilized tongs. Pick up in sterilized towel and wipe dry while still warm. Avoid all contact with hands. Place instruments in tight cabinet. For maximum safety, resterilize before using.

**THE PELTON & CRANE CO. • DETROIT**

ESTABLISHED 1900



**EXPERT SERVICE**

FREE ON REQUEST—Illustrated by  
"Precision Technique," with  
instructions for sterilizer and instrument

**PELTON**

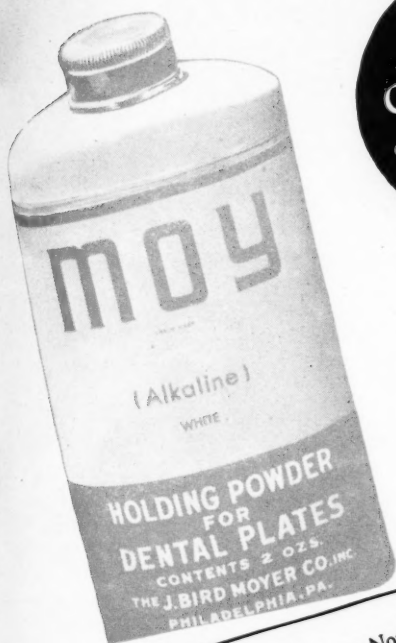
*Sterilizers*

THE

Name.

Address

My d



for  
MOUTH  
COMFORT  
during break-in  
period

New, modern holding powder for dentures. Nothing else like it. Whiter, holds teeth tighter. Leaves no gummy residue. Helps prevent gagging and nausea. Forms soft, soothing cushion for aching gums. Won't show thru translucent dentures. Hastens proper mastication, creates confidence. Get your new denture patients off to a good start by suggesting MOY during the break-in period. Free professional samples on request.

THE J. BIRD MOYER COMPANY • 1210-14 Vine Street, Philadelphia, Pennsylvania

Please send samples of MOY, white alkaline holding powder to:

O.H.9

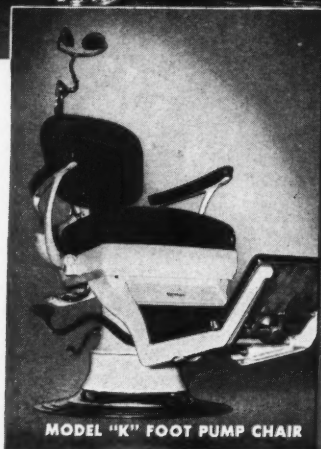
Name \_\_\_\_\_

Address \_\_\_\_\_

My druggist is \_\_\_\_\_ Address \_\_\_\_\_



RITTER MODEL "B" MOTOR



MODEL "K" FOOT PUMP CHAIR

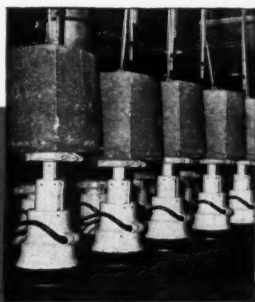
## PLAN THAT *MODERNIZED* OFFICE NOW!

Your dealer is anxious to help you plan now for new efficiency. Rearranged quarters, another operating room, a brand-new Bungalow Office—will help you to greater practice and increased income. Now is the time to make your plans.

# Ease and Comfort

## FOR YOUR PATIENT... AND YOU

• There are many good reasons that make the Ritter Motor Chair the best bargain in dental chair equipment. Not the least is the ease and comfort it affords patients—and you. It helps set patients at ease, secures maximum cooperation. In raising, lowering and adjusting, its movements are smooth and gentle; they create or aggravate no pain, fancied or genuine. To you, it's quick and easy to get patients in precisely the position you want. Adjustments are made without forcing or strain; you maintain your dignity and keep the desired "light touch." Ask your dental dealer about the Motor Chair and other Ritter time-saving prestige-building equipment. Ritter Company, Inc., Ritter Park, Rochester, N. Y.



### 350 POUNDS FOR 24 HOURS

is the routine test on the hydraulic mechanism of every Ritter chair. This is one of hundreds of ways in which Ritter assures that every piece of Ritter equipment will be *right* in your customer's office.

# Ritter

DENTAL CHAIRS • UNITS • STOOLS  
STERILIZERS • COMPRESSORS • X-RAYS  
LIGHTS • ENGINES • LATHES

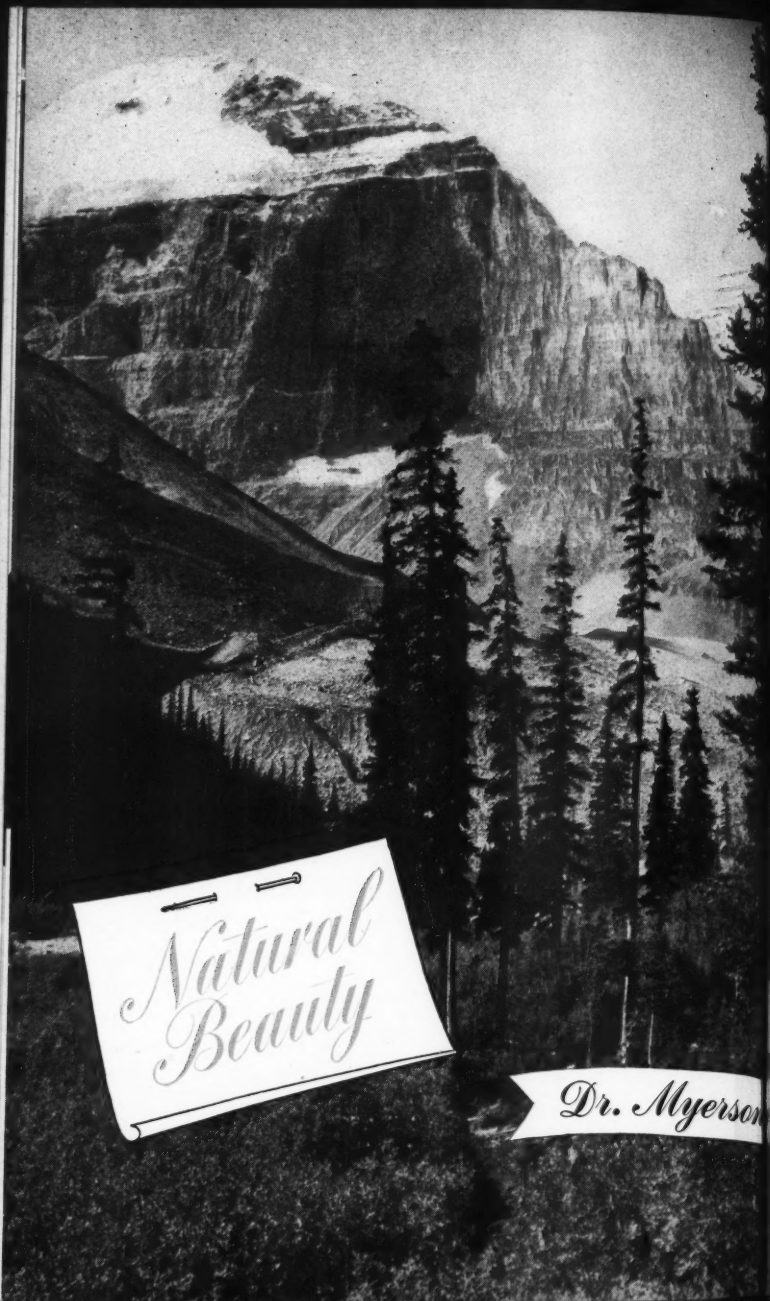
★  
*Top Quality*

*for Best Performance*

... *Since 1887*

★





*Natural  
Beauty*

*Dr. Myerson*

TRUE

**GREATER BEAUTY . . . PROVEN STRENGTH**

**. . . TWO OUTSTANDING**

**CHARACTERISTICS OF DR. MYERSON TEETH**

**T**he great beauty of this scene derives from the law of esthetics: "Beauty and Harmony through Variety."

forces of Nature and the artistic hand of Time have carved and marked this landscape of unusual beauty.

Note even the pine trees—no two alike. Nature abhors the monotony of evenness.

The natural beauty of Dr. Myerson True-Blend Teeth derive from the same natural laws, harmony of color that avoids the sameness of *mechanically-made* articles.

In Dr. Myerson's True-Blend Teeth, the blending, striations, erosions, irregular incisal edges—all are hand-made—by skilled and careful hands.

Dr. Myerson's Teeth are stronger, too . . .

For greater security in processing and use, Dr. Myerson's True-Blend Teeth are always indicated.

**TRUE-BLEND** *Anteriors* and **TRUE-KUSP** *Posteriors*

**IDEAL TOOTH INCORPORATED, CAMBRIDGE, MASS.**

# DON'T YOU AGREE DOCTOR . . .

**Patients should avoid  
these grooves in cementum  
and dentin if they possibly can?**



*This is not decay . . . but a clean-cut, lateral groove in the cementum and dentin . . . at a point where the calcified parts of the tooth are exposed by receding gingivae.*

## HAVE YOU CONSIDERED THIS APPROACH TO THE PROBLEM?

According to recent clinical and laboratory studies, many patients suffer damage to the teeth . . . damage which is neither decay—nor erosion.

Results of these studies seem to indicate that daily use of abrasive dentifrices—

over a period of years — is responsible.

So that you may form your own opinion, we have published a booklet which summarizes these clinical and laboratory studies—and provides references to earlier findings of dentists engaged in research.

We sincerely believe that you will find this booklet not only interesting but helpful to you in your practice.

**FREE** PROFESSIONAL SAMPLES OF  
TEEL and THIS BOOKLET,  
which throws new light on  
the subject . . . will gladly  
be sent to you on request.

The booklet summarizes recent clinical and laboratory studies that seem to indicate the cause of this trouble . . . and points to a new technique that may avoid such damage. Generous samples of TEEL, the non-abrasive liquid dentifrice, are provided for your own experimentation and use.

*Simply fill in the coupon and mail.*

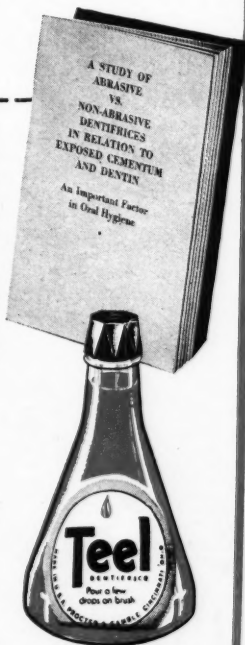
PROCTER & GAMBLE, Dept. of Dental Relations, Division 100, Cincinnati (2), Ohio  
Gentlemen:

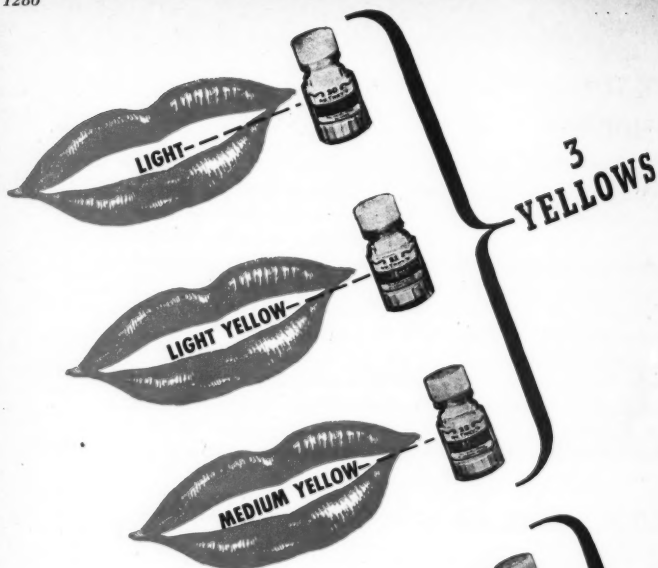
Please send me free and postpaid professional samples of TEEL and a copy of the booklet, "A Study of Abrasives vs. Non-Abrasive Dentifrices in Relation to Exposed Cementum and Dentin." I understand this incurs no obligation of any kind on my part.

NAME.....

ADDRESS.....

CITY.....STATE.....





# SYNTHETIC

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Price \$

# "6 Naturals"

## For the Busy Dentist

Synthetic Porcelain's simplified system of direct-color-matching is of utmost importance to you. Here is how it works:

The 6 natural powders of Synthetic Porcelain duplicate, without blending, the six dominant shades found in natural teeth. This means, that for nearly every restoration, one of the 6 NATURALS will *match tooth color exactly*.

For direct matching without blending, order the 6 NATURALS. These are the numbers: 20, 21, 22, 23, 24, and 25.

### 6-2 Victory Package No. 1

All you need for  
direct-matching  
contains  
THE "6 NATURAL"  
POWDERS  
2 BOTTLES OF LIQUID  
and  
AN EXTRA POPULAR  
SHADE  
POWDER AND BOTTLE OF  
LIQUID AT NO  
ADDITIONAL COST

Price **\$16.65** A \$24.00 Value



# TIOPORCELAIN

## 7 things you should do to keep prices down!

If prices soar, this war will last longer, and we could all go broke when it's over. Uncle Sam is fighting hard to keep prices *down*. But he can't do it alone. It's up to *you* to battle against any and every rising price! To help win the war and keep it from being a hollow victory afterward—you must *keep prices down*. And here's how you can do it:



**1. BUY ONLY WHAT YOU NEED**  
Don't buy a thing unless you *need* it. Get along without it. Spending can't create more goods. It makes things scarce and prices go up. So make everything you own last longer. "Use it up, wear it out, make it do or do without."



### 2. PAY NO MORE THAN CEILING PRICES

If you do pay more, you're party to a black market that boosts prices. And if prices go up through the ceiling, your money will be worth less. Buy rationed goods only with stamps.



### 3. SUPPORT HIGHER TAXES

It's easier and cheaper to pay for the war as you go. And it's better to pay big taxes *now*—while you have the extra money to do it. Every dollar put into taxes means a dollar less to bid for scarce goods and boost prices.



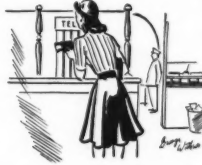
### 4. PAY OFF OLD DEBTS

Paid-off debts make you independent now . . . and make your position a whole lot safer against the day you may be earning less. So pay every cent you owe—and avoid making new debts as you'd avoid helling Hitler!



### 5. DON'T ASK MORE MONEY

in wages for yourself, or in prices for goods you have to sell. That puts prices up for the things all of us buy. We're all in this war together—business men, farmers and workers. Increases come out of everybody's pocket—including *yours*.



### 6. SAVE FOR THE FUTURE

Money in the savings bank will come in handy for emergencies. And money in life insurance protects your family, protects you in old age. See that you're ready to meet any situation.



### 7. BUY WAR BONDS

and hang on to them. Buy as many as you can afford. Then cut corners to buy more. Bonds put money to work fighting the war instead of allowing it to shove up prices. They mean safety for you tomorrow. And they'll help keep prices down today.

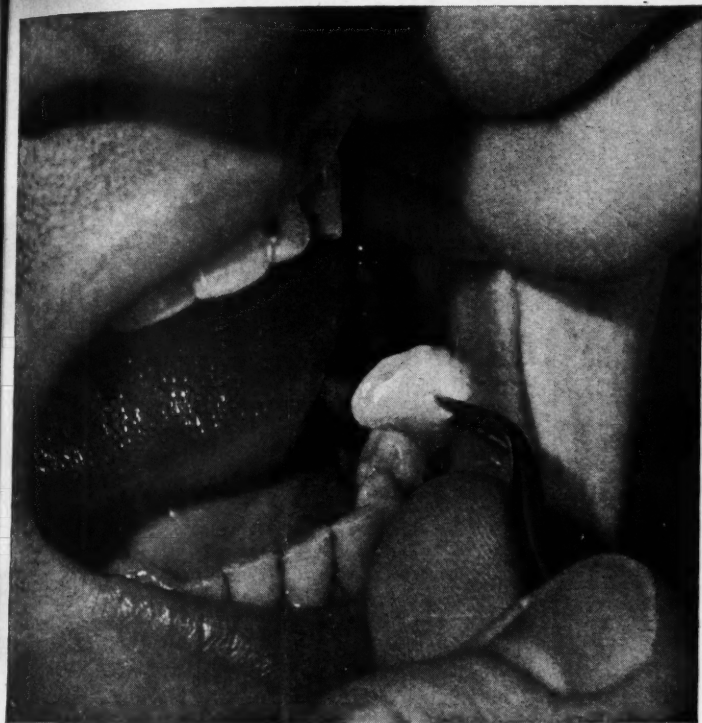
**KEEP PRICES DOWN . . .**

*Use it up . . . Wear it out . . .*

*Make it do . . . Or do without*

This advertisement, prepared by the War Advertising Council, is contributed by this magazine in cooperation with the Magazine Publishers of America.





## **POSITIVE ANTISEPSIS** **PLUS LOCAL ANALGESIA**

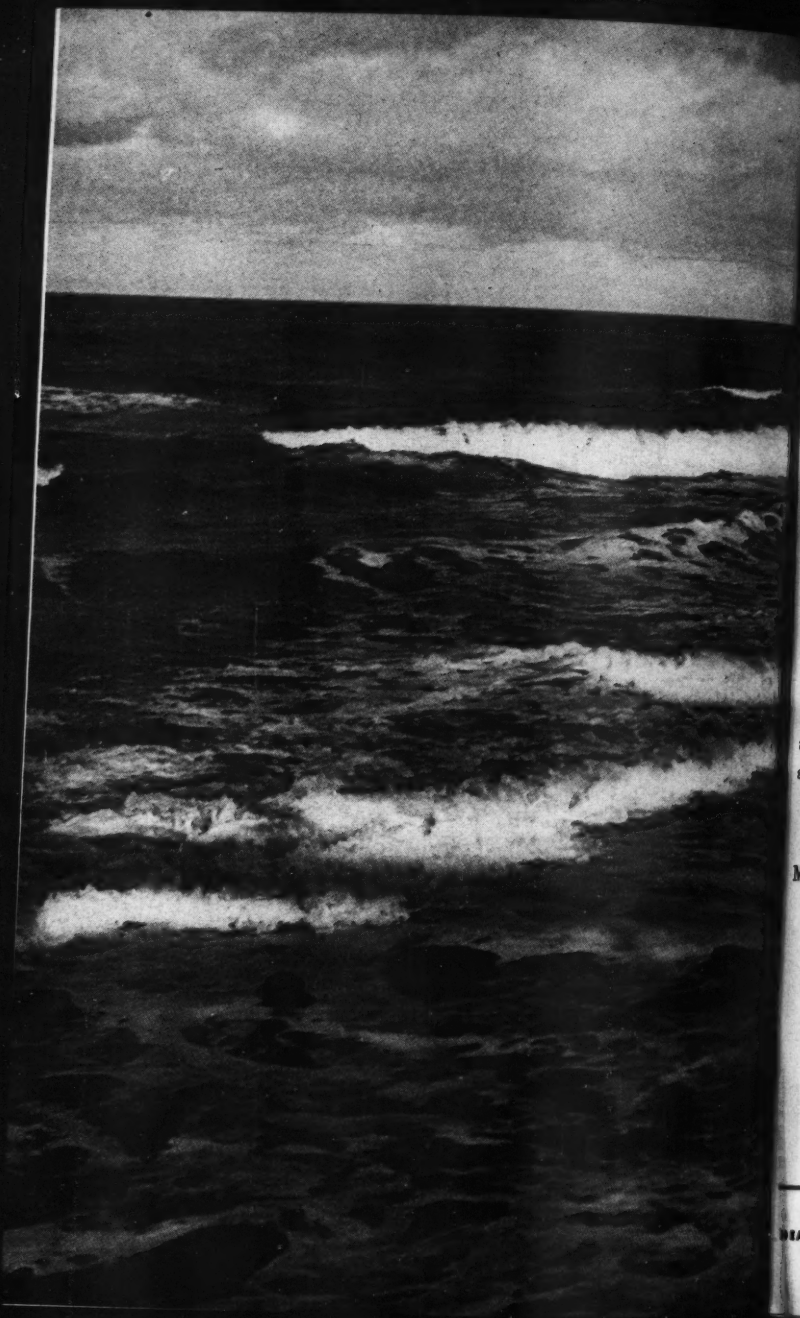
'S.T. 37' ANTISEPTIC SOLUTION is highly bactericidal even when diluted several times or in the presence of serum, blood and saliva. Low surface tension extends its effectiveness by aiding penetration of minute tissue crevices and interstices.

Moreover, 'S.T. 37' Antiseptic Solution exerts a soothing

local analgesic effect, and is pleasant-tasting, odorless, colorless and stainless. Toxicity is clinically negligible.

Hexylresorcinol (1:1000) is the active principle of 'S.T. 37' Antiseptic Solution. Supplied in bottles of five and twelve fluidounces. Sharp & Dohme . . . Philadelphia, Pa.

### **'S.T. 37' ANTISEPTIC SOLUTION**



*At*  
N ature  
"Beauty  
her most  
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Myerson's

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TRU

DIAL TOOTH

# Appealing Beauty...

## IN DR. MYERSON TEETH FOLLOWS NATURE'S LAWS

Nature follows the fundamental law of esthetics... "Beauty and Harmony through Variety"... to create her most appealing scenes of beauty. How refreshingly beautiful is this seascape... with the transparency of the waves... the everchanging play of light and shadow!

Dr. Myerson follows the same law of esthetics to create the natural, *appealing* beauty of his original masterpiece... True-Blend Teeth.

The give-a-way sameness of *mechanically-made* articles is entirely avoided in True-Blend Teeth because their blending, striations, erosions, irregular incisal edges are all *hand-made*... by hands that are both sensitively skilled and pride-fully careful.

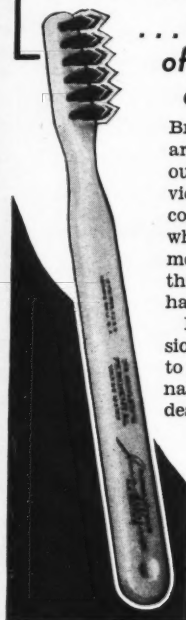
Dr. Myerson's teeth are stronger, too...

For greater security in processing and use, Dr. Myerson's True-Blend Teeth are indicated.

### Dr. Myerson's **TRUE-BLEND** *Anteriors* --- *and* **TRUE-KUSP** *Posteriors* ---

REAL TOOTH INCORPORATED. CAMBRIDGE, MASSACHUSETTS

# Prescribe DR. BUTLER



*... the original  
of this type  
of brush*

Brush manufacturers are solicited by various firms and individuals to "Give us a copy of the Butler" which shows the immense popularity that this particular brush has attained.

Most of the Profession, however, prefer to prescribe the original of this type and design of brush — therefore always specify the Butler on their prescriptions.

**Make  
Your Own  
Comparison!**

Send coupon with 40c in coin or stamps for two brushes. Then compare with any other brushes on the market. See for yourself why the DR. BUTLER has attained such popularity.

## SEND COUPON

JOHN O. BUTLER CO. OH 9-43  
7359 Cottage Grove Avenue, Chicago, Ill.

I enclose 40c for two brushes. Send me:

- ☐ SYNTHETIC (Do not send checks)  
☐ Medium Bleached (Stamps or coin only)  
☐ Hard Bleached  
☐ Extra Hard Bleached

Dr. ....

Address .....

City and State .....

## IVORY RUBBER DAM CLAMPS

### BICUSPID CLAMPS



For Upper  
Teeth



For Lower  
Teeth

### MOLAR CLAMPS



For Lower



For Uppers



For Large  
Uppers



For First and  
Second Molars

For more complete selection  
see J. W. Ivory's catalogue.

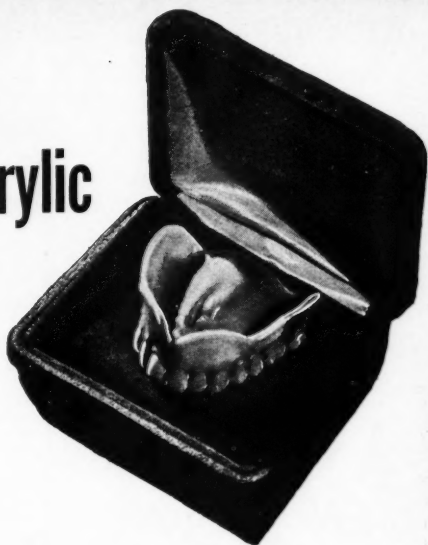
*all dealers*

**J. W. IVORY — Manufacturer**  
Phila., Pa. U.S.A.

# E-ZE

## Blended Acrylic

The latest and  
most dependable  
for dentures.



### 10 reasons why you should use E-ZE

1. Mixes quickly into a soft doughy mass and can be packed immediately.
2. Avoids breaking and checking teeth.
3. Allows flask to close easily and quickly.
4. Cures 45 minutes boiling—30 minutes vulcanizing.
5. Finishes and polishes easily and quickly.
6. Has a hard repellent surface.
7. Has a beautiful delicate life-like color.
8. Repairs and rebases invisibly.
9. Ideal for partials as well as full dentures.
10. A high quality material at a low price.

*E-ZE Powder and Liquid—Pink and Clear*

**ITECO**

**DENTAL MANUFACTURING COMPANY**

2009 N. Killingsworth Street

Portland, (11) Oregon



*A booklet that  
ends many of  
your vexing  
problems  
Free!*

Modern dentistry demands a greater conservation of the dental pulp. SILVODENT makes this possible to an extent never before attained. It is recognized the standard pulp protector and dentine inhibitor.



THE SILVODENT COMPANY O-9-43  
1708-N. E. Alberta St., Portland, Ore.

You may send me a copy of your FREE Booklet about Silvodent, Oxy-eugenol silver cement.

Dr. ....

Address .....

City ..... State .....

**FLUORESCENCE  
TRANSCUENCE**

*Nature's  
Shading*  
**PORCELAIN  
JACKETS**



by  
**SCHNEIDER**

Have you seen our new ULTRA porcelain jackets? They are constructed of new porcelains, they have that natural translucent fluorescence found in natural teeth. They are stronger. Our ULTRA porcelain jackets are a great advancement in dental ceramic art. Send your impressions, get the best.

**M.W. SCHNEIDER**  
30 N. MICHIGAN AVE. • CHICAGO, ILL.

**MILLER'S ELECTRIC  
HANDPIECE**

FOR CHAIR AND  
LABORATORY USE

Save your present hand-  
piece for oral work.

Ask your Dealer for  
Free Demonstration

CHICAGO WHEEL & MFG. CO.

Dept. OH

1101 W. Monroe St.  
CHICAGO ILLINOIS

Send for Catalog



**BS POLISHERS  
WILL NOT INJURE  
DELICATE GUM  
TISSUE**

**Young** DENTAL MFG. CO.  
ST. LOUIS, MO.  
ESTABLISHED OVER 40 YEARS AGO

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GO, ILL.



Catalog

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FOR BETTER

*Color  
Harmony*

Steele's New Hue facings have a unique property of absorbing and reflecting the color of adjacent natural teeth and surrounding tissue. This quality not only makes the matching of shades easier, but provides a color harmony not obtainable in other porcelains, or in any facing without a translucent all-porcelain incisal.

With Steele's New Hue facings no additional time or skill is required for superior esthetic effect, ample serviceability, and complete interchangeability. In fact, the technic is a simplification of that employed with the older type of interchangeable facing. Write for your copy of *Steele's New Hue Technic*.

*Steele's*

INTERCHANGEABLE  
NEW HUE FACINGS

THE COLUMBUS DENTAL MFG. CO. • COLUMBUS, OHIO



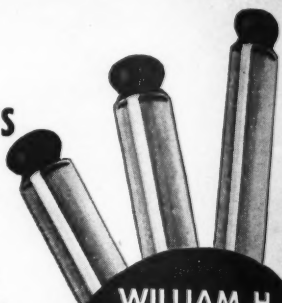
For unvarying quality in  
local anesthetics

## USE RORER'S HYPOTUBES

Procaine Hydrochloride 2%  
with Epinephrine 1:25,000 A.D.R.  
Procaine Hydrochloride 2%  
with Epinephrine 1:50,000 A.D.R.  
Procaine Hydrochloride 2%  
with Neo-Synephrine HCl  
1:2,500 A.D.R.

**P**REPARED with freshly distilled water in a modern laboratory under scientific control, these solutions are offered to the dental profession with the confidence that clinical use will establish the value of the time, thought and care employed in their manufacture.

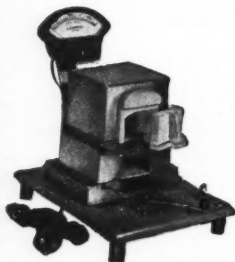
Dental Division



WILLIAM H.  
**RORER**  
INCORPORATED

254 South 4th Street  
PHILADELPHIA  
PENNA.

## HUPPERT FURNACES



Model  
illustrated

**\$44.00**

COMPLETE

Write for  
catalog  
showing full  
line of Den-  
tal Furnaces.

HUPPERT LOW FUSING PORCELAIN FURNACE. For staining, glazing, and all low fusing porcelain work. Temperatures to 2000° F. Six Button Control. Large Muffle. Special Drying Out Chamber. Large, Accurate Pyrometer.

**K. H. HUPPERT**

6840 So. Cottage Grove Ave., Chicago, Ill.

"MY PATIENTS LIKE IT"

Over and over again we  
find this comment on our  
D. D. S. Return Cards.

**ALKALOL**  
does please patients  
and it is effective.

Can you think  
of two better  
reasons for using it?

**THE ALKALOL COMPANY**  
TAUNTON, MASS.

Write for free sample  
**ALKALOL**  
ALKALINE · SALINE · CLEANSING



## RIB-BACK BLADES

continue to be offered at the lowest price consistent with their distinctive, superior qualities

*To the surgeon* they mean superior sharpness with uniformity . . . adequate rigidity . . . greater strength . . . longer periods of cutting efficiency . . . virtually no interruptions due to rejects.

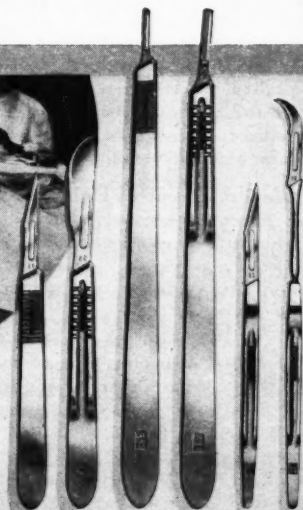
*To the hospital buyer* they mean economy in the maintenance of blade consumption at a practical minimum . . . closer budget control . . . a satisfied surgical staff.

Your dealer can supply you

**BARD-PARKER COMPANY, INC.**  
DANBURY CONNECTICUT



*It's Sharp*



**A BARD-PARKER PRODUCT**



# DEE GOLD *KING OF METALS*

Particularly is this true in the field of Dentistry.

No substitute metal yields so freely to the close tolerances of prosthetic procedure. No substitute metal combines the quality of resilience for oral comfort along with that of durability for hard functional service . . . and no substitute metal matches gold for speedy accurate adaptation to save valuable chair time.

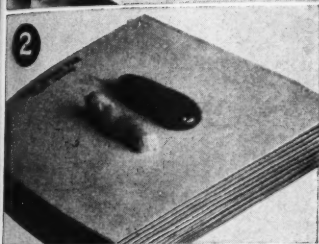
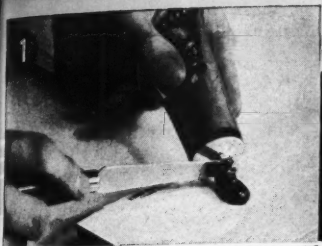
Dee Golds occupy a high place in this realm. Their supremacy is accepted because of the science of their compounding. The unvarying dependability of their quality is a matter of record . . . proved by performance in every phase of modern dentistry requiring a supporting element of metal.

The family of Dee Golds is complete . . .  
a specific type to meet exactly every  
dental requirement . . . and at a price  
to meet the purse of every patient.

GENERAL OFFICES  
AND PLANT  
1900 W. KINZIE ST.

T H O M A S  
**DEE & CO.**  
*Precious Metals*  
CHICAGO

DOWNTOWN OLD GOLD  
AND SALES OFFICE  
55 E. WASHINGTON ST.



## *for Quicker, Easier Results*

**USE KERR IMPRESSION PASTE  
AND THIS SIMPLE TECHNIC...**

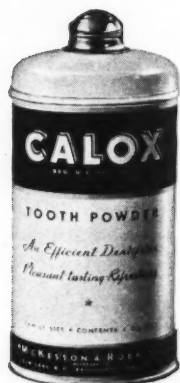
1. For average size mix, squeeze onto the provided Kerr Mixing Pad one inch of Base Material and an equal length of Accelerator-Hardener.
2. The two materials, equal in diameter to the tube nozzles, rest on pad ready for mixing. Do not allow two materials to come in contact until the mix is started.
3. Spread Base Material over small area of pad and incorporate the Hardener Material into it using a Kerr Impression Paste Spatula. Mix until uniform in color. (Approx. 1 min.)
4. Spread resulting mix evenly over the dried Kerr compound impression, carrying a slight amount over the periphery.
5. Seat impression immediately in the mouth with gentle continuous pressure. Muscle-trim. Hold until set, (3 to 5 minutes). Have patient blow out cheeks to readily remove impression.

# KERR

REG. U. S. PAT. OFF.

**IMPRESSION  
PASTE**





Calox Tooth Powder radio announcements

carry to the consumer

a message such

as t



GOOD TEETH AND GOOD HEALTH are closely related. One of the dangers of neglected teeth is the damage they may do to general health. Keep your teeth and gums in good condition. Frequent dental check-ups are a real health measure. Visit your dentist regularly. It pays!

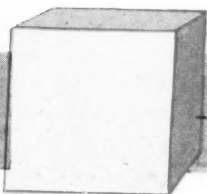
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# Scientific Tooth Selection

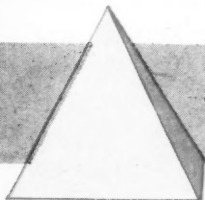
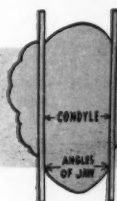
made as easy as



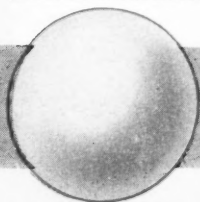
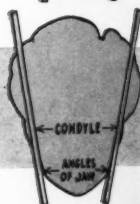
*Scientific studies prove that Nature has three basic facial types, Square, Tapering and Ovoid and that all patients can be classified as predominantly one of these types.*



**SQUARE FORM**



**TAPERING FORM**



**OVOID FORM**



TRUB  
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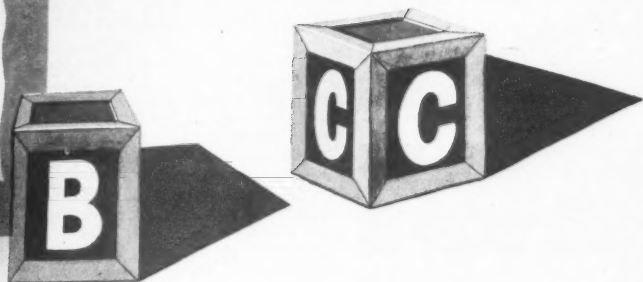
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**T**RUBYTE New Hue Teeth are classified to conform to the fundamental requirements — as seen in the most attractive natural dentitions — for establishing face and tooth-form harmony.

For easy selection, Trubyte New Hue Teeth are grouped in three classes, Square, Tapering, Ovoid, to conform to Nature's three basic types — each class is divided into different forms like the forms most frequently seen in natural teeth. These forms show differences in severity of type and in proportions.

The 71 moulds provide graduated sizes in each form.

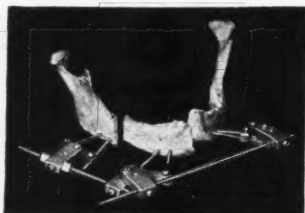
It is this combination of anatomically correct forms and scientifically graduated sizes that simplifies tooth selection for the denture distinctive.

## TRUBYTE NEW HUE TEETH

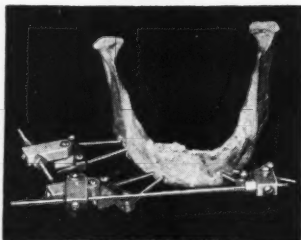
HARMONIOUS FORMS • NATURAL SHADES

THE DENTISTS' SUPPLY COMPANY OF NEW YORK  
220 West 42nd Street New York 18, N. Y.

# NEW FRACTURE SPLINT



Fracture of Mental Area and Symphysis



Reduced and Immobilized

## FOR EXTERNAL FIXATION OF JAW FRACTURES

The splint as furnished consists of 3 complete units, and 2 threaded tie bars. This material will afford treatment of 2 separate fractures of a mandible. Pins and assembly are constructed of proven tissue tolerant metal.

Two trocar pointed pins are placed in each fragment and secured by the pin bar. The universal bar-joints afford easy assembly of the splint regardless of the relation of the pin units to each other.

After reduction of the fractures the assembly locks rigidly, affording excellent immobilization. Easy readjustment of all of a single unit is possible, if post operative x-ray examination suggests a change in position of the fragments.

Ask your dealer or write for literature.

**BENDICK COMPANY**

160 Elsie Bldg., Lapeer, Mich., U. S. A.

*If You Can Boil Water—  
You Can Process*

## Palatex

REG. U.S. PAT. OFF. AND IN FOREIGN COUNTRIES

### The New, Improved Denture Acrylic

Simplified technic requires only a denture flask, bench press and boiling water. Yet Palatex dentures are unsurpassed in beauty and durability. No tinfoil needed. Meets A.D.A. Specification No. 12.

1 Single Unit \$2.25; 16 Unit Pkge. \$20.00  
from Your Dealer or Direct

**ROCKLAND DENTAL CO., Inc.**  
Laboratories—143 W. 41st St., New York

Today the FISCHER plant ARMY-NAVY "E" FLAG proudly flies its first STAR—Army-Navy recognition for meritorious FISCHER war production. Flag and Star are symbolic "medals" pinned on American industry for outstanding home front service—the foundation of front line victory.

**H. G. FISCHER & CO.**  
2323-2345 Wabansia Ave., Chicago, Ill.

### Busy Dentists Depend

on  
**CO-ORAL-ITE**  
IMPRESSION MATERIAL

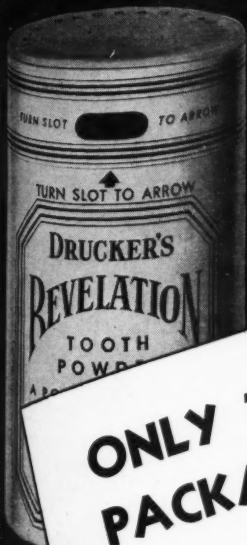
*Saves time,  
money and  
worry!*

At Your DEALERS

•

**Co-Oral-ite Dental Mfg. Co., Santa Monica**

\*  
BUY  
WAR  
BONDS  
\*



New metal-saving  
package. No change  
in basic formula.

## ONLY THE PACKAGE IS NEW

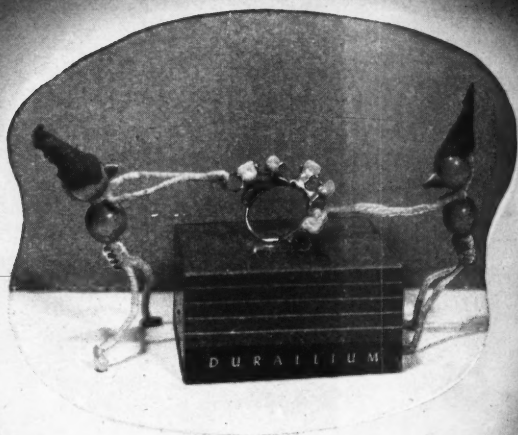
From its inception those in the Profession have shown a definite preference for Revelation Tooth Powder. Its reputation has grown through the years so that Dentists generally recommend it as a safe, pleasant and efficient dentifrice. The formula is "the thing." That's why no basic change is ever permitted. As a wartime necessity, Revelation now appears in a new container... a metal-saving moisture-resistant package.

AUGUST E. DRUCKER CO.

San Francisco

California

# REVELATION TOOTH POWDER



## RESISTS TORQUE

Remember those mischievous imps, the Gremlins . . . who caused the R.A.F. so much trouble. Well here they are again but they'll never succeed in harming Durallium, because this outstanding chrome cobalt alloy for cast restorations is strong and resilient . . . *resists torque* and has an elastic limit of 70,000 lbs. per square inch. This permits thinner clasps and bars, minimizing or eliminating abrasion of clasped or retentive teeth. Have your Durallium Qualified Laboratory use Durallium on your next cast case.

# Durallium

P R O D U C T S C O R P O R A T I O N

Chicago 1, Illinois, U. S. A.

DE

THIS

TH  
175



**GETZ-400**

**PERFECTION**

**DENTURE ACRYLIC**

**NEW REDUCED PRICE**  
**\$7.50 PER LB.**

*THIS GENEROUS SAVING, now passed on to you, is the result of the popular Nation-wide acceptance of GETZ-400 . . . plus the economy of our quadrupled manufacturing facilities in new and larger quarters.*

*Nothing but the price has been changed.*

This is the same Perfection Denture Acrylic for which you paid \$12.00 per lb. . . still guaranteed to deliver the most perfect results in performance and economy of any material on the market today.

When you buy it (Clear, Mottled, or Fine) at this new low price, your purchase is protected by our money-back guarantee that GETZ-400

- |                                       |   |
|---------------------------------------|---|
| 1. Delivers up to 25% more dentures.  | 4. Is positively free from porosity, pitting, and teeth checking. |
| 2. Saves up to 50% in time.           | 5. Is easier to chisel and polish.                                |
| 3. Mixes perfectly in 3 to 5 minutes. |   |

*Order a trial pound through your dealer or write us direct.*



**THE WILLIAM GETZ COMPANY**  
**175 N. MICHIGAN AVE. . . CHICAGO**

# A Perfect Surface Anesthetic

# DENT NUM

TRADE MARK REG.

NUM has everything it takes—

- Powerful anesthetic action.
- Non-narcotic.
- Non-toxic.
- Non-irritating.
- Non-acid.
- Pleasant smelling.
- Tasteless.
- Non-evaporating.
- Non-corroding.

In the Silver and Black Box  
Order from Your Dental Depot

OH-9-43

NUM SPECIALTY CO., 4614 Fifth Ave., Pittsburgh, Pa.



"GUM-TINT" **IN DENTURE FIELD**  
ACRYLIC  
POWDER AND  
LIQUID. STAINLESS  
CLASPS AND BARS.  
GUM-TINT BLANKS—PARFAIT BLANKS

**THE PARISIEN CHEMICAL CO., INC.**

TOLEDO, OHIO

WRITE FOR SAMPLES

For YEARS and YEARS of PERFECT Service  
Depend on **HANAU** Equipment

SEND FOR FREE CATALOG

Hanau Engineering Co., Inc. • 1233 Main St., Buffalo, N. Y.

**THIS DENTIST SPEAKS  
A VOLUME  
IN A FEW WORDS ...**

What else, for so little cost and effort could offer such a safeguard to tooth and gum health?

You, too, should recommend STIM-U-DENTS, and in so doing awaken in your patients through this pleasant home treatment a greater interest in their teeth, prompting them to visit you more frequently.

"I find that STIM-U-DENTS remove all debris from the interdental spaces, polish the tooth surfaces in this area and promote healthy circulation in the gingival tissue."



## MAIL COUPON TODAY

STIM-U-DENTS, Inc.  
54 Alfred St., Detroit 1, Mich.

Enclosed find \$1. Send me 100 Special Size Pocket Containers (Like Cut) designed exclusively for dentists.

Dr. ....

Street & No. ....

City ..... State .....

(Stim-U-Dents also make excellent wedges in inlays and other procedures.)

Keep Your Patients Thinking of You.

# STIM-U-DENTS

1217 SP

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OHIO  
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★

# STARLITE

*Diamond Instruments*

**MADE RIGHT IN AMERICA**

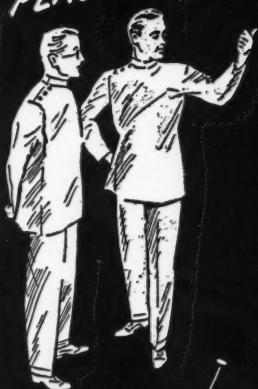
# STAR DENTAL MFG. CO., INC.

1217 SPRING GARDEN STREET, PHILA. 23, PA. • Please Address Dept. O9



**"NO MAKE-OVERS  
FOR ME....**

**I USE  
CLOVER LEAF  
IMPRESSION  
PLASTERS!"**



**MAIL THIS  
COUPON  
FOR LIBERAL  
FREE  
SAMPLES**

H. B. Wiggin's Sons Co.  
Bloomfield, N. J.

OH 9

Please send free samples of CLOVER LEAF XX and Soluble  
Impression Plaster.

Dr. ....

Address .....

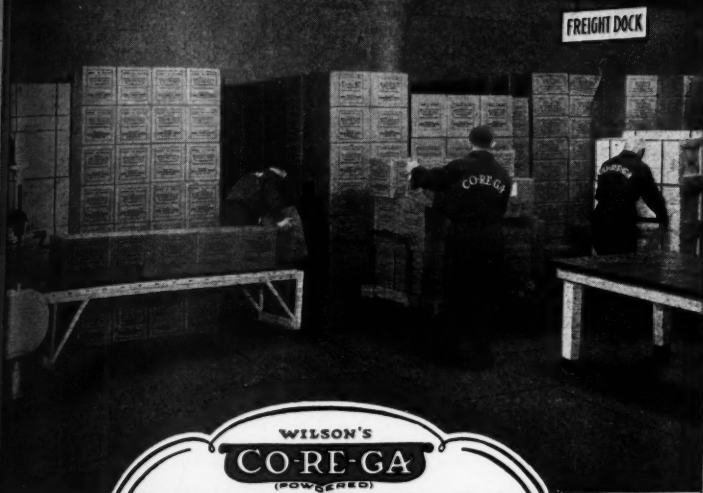
City ..... State .....

Through the years, thousands of dentists have learned that the best way to avoid costly make-overs is to use Clover Leaf for the impression. This extremely fine grained plaster reproduces exactly every minute detail of teeth and tissue—its rapid, accurate set enables the dentist to proceed with assurance.

P. S. For difficult cases with severe undercuts, there's nothing better than Clover Leaf Soluble Impression Plaster.



*The* Professional Favorite  
for over 30 years



WILSON'S  
**CO-RE-GA**  
(POWERED)

THE PERFECT ADHESIVE FOR DENTURES

**COMMERCIAL SHIPPING  
CLEVELAND PLANT**

One of the daily starting points of the ever increasing flow of CO-RE-GA which, through the various channels of transportation and distribution, is delivered to drug stores everywhere.

A dental product that is known around the world.

PLEASE SEND FREE SAMPLES FOR PATIENTS

Dr. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COREGA CHEMICAL COMPANY  
208 ST. CLAIR AVE., N. W. • CLEVELAND, OHIO

DOCTOR!

THIS COUPON IS FOR  
YOUR EXCLUSIVE USE

CO-RE-GA is not advertised to the public



**30 days  
hath  
September**

↑  
**and that's not half enough!**

With the dentist's waiting room crowded as never before, making every minute count is a matter of urgent necessity. Even small savings of time are welcome . . . savings such as that made possible by switching from slower methods of instrument disinfection to cold sterilization with Metaphen Disinfecting Solution. • This widely-used agent requires a minimum of attention and may be relied upon in the absence of much blood and exudate to kill common vegetative pathogenic bacteria (except tubercle bacilli) *in less than ten minutes.*

• After disinfection, instruments are ready for immediate use without rinsing or drying as the solution is nonirritating to the skin and oral tissues and does not leave a gummy deposit to interfere with the free-action of hinged or jointed instruments. • Unlike steam, Metaphen Disinfecting Solution does not pit or dull cutting edges. You'll spend less time resharpening your instruments and they will last longer.

• Fume-free and odor-free, the solution is stable, non-volatile, and even long continued use on reasonably clean instruments does not diminish its disinfecting potency. • To enjoy all these advantages in your own practice, order a quart or gallon bottle of Metaphen Disinfecting Solution from your pharmacist today. ABBOTT LABORATORIES, North Chicago, Illinois.

## **Metaphen\* Disinfecting Solution**

REG. U. S. PAT. OFF.

\* (4-nitro-anhydro-hydroxy-mercury-orthocresol, Abbott)

Accepted by the Council on Dental Therapeutics of the American Dental Association



## THE SPIRIT OF THE PIONEER

The field of science shall never meet its last frontier . . . shall never content itself with its long list of laurels because it is peopled by individuals who must go on and on ever seeking the answer to the new question that was loosed by the last problem solved.

These men are pioneers . . . as much so as our forefathers who made America strong and great. **BURTON** employs such men in its laboratory . . . men who are meeting the challenge of the frontiers of the great new post-war era to come . . . men whose genius and brains shall give dentistry the finest implements in the best tradition of **BURTON**.

In the meantime we serve our War Effort to the degree of peak production but with the increasingly expectant hope that the necessity for producing for war will soon be over and that we may greet you again with the eagerness of the pioneer.

★ ★ ★

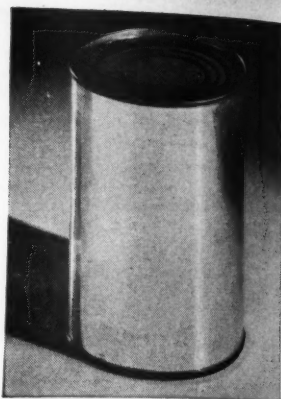
OPERATING LIGHTS • DIAGNOSTIC INSTRUMENTS • SCIENTIFIC APPARATUS  
SCIENTIFIC INSTRUMENTS • LABORATORY EQUIPMENT

# BURTON

MANUFACTURING CO.  
BURTON BUILDING  
3855 N. LINCOLN AVE., CHICAGO, ILL.



**THE PREWAR CAN.** Material used in the pre-war can was steel, plated by the hot-dipped method which consumed 1.5# of tin per base box. Tin was applied by this method exclusively up to 1941.



**THE WARTIME CAN.** Differs slightly due to materials used. Cans made with 0.5# electrolytic tinplate are practically indistinguishable from those made with 1.5# tinplate. In 1943, some cans will bear ends made of enameled steel.

## Identical Twins

**Q**UESTIONS REGARDING the difference in appearance of some of the wartime food cans may have reached you.

Today, wartime cans are supplied to packers in accordance with government instructions. Many of these cans are enameled on the inside to protect the food. Some types are enameled on the outside as an additional protection against corrosion or rust.

The foods packed in these cans are just as wholesome and nutritious as the foods packed in prewar type cans. In many instances the new cans resist corrosion better than the prewar cans, but occasionally rust appears on the outside. The outside rust on a can detracts only from the can's appearance and has no effect whatsoever on the inside of the can and its contents, unless it is permitted to eat its way entirely through the metal.

Packers and can manufacturers have

always endeavored to deliver canned foods to the consumer in perfect condition under all circumstances. We are advising canners, grocers, and consumers that today's cans, to avoid unnecessary corrosion of the outside, should be protected from water and dampness.

We can assure you of this fact: *All food cans used today have been thoroughly tested, and the type of can for each product is designated by government authorities.*



The Seal of Acceptance denotes that the nutritional statements in this advertisement are acceptable to the Council on Foods and Nutrition of the American Medical Association.

**AMERICAN CAN  
COMPANY**

230 Park Ave., New York

New  
Sense  
Disco

Short  
Simple  
Route

Lifeti  
Permi

Low  
for P

Proce  
Perfor

For

TT  
17



## FOR FULL AND PARTIAL DENTURES

**New  
Sensational  
Discovery**

**Shorter,  
Simpler  
Routine**

**Lifetime  
Permanence**

**Low Cost  
for Profit**

**Prove it by  
Performance**

Perfect adaptation of dentures is no longer a problem. Getz laboratory and research chemists have produced, and now present, a liner that has been tested and proved for permanency, efficiency, and simplicity.

Its application is so simplified that it requires only 3 to 5 minutes chair time and the patient may leave in 30 to 45 minutes with complete and final adaptation.

The permanence of this Liner is positively guaranteed. It fuses to, and actually becomes part of, the denture.

In both time and money, your cost is a negligible item. A tube, usually enough for lining 20 dentures, is only \$8.00 . . . approximately 40c per liner.

Your investment is fully protected. You are invited to use this Liner on four or five adaptations with the privilege of returning the unused portion for a refund of your full purchase price.

*For profit and patient satisfaction, accept this offer today*

**THE WILLIAM GETZ COMPANY**  
175 N. MICHIGAN AVE. . . CHICAGO

## ACKERMAN TRABASE SOLVES YOUR INDIVIDUAL TRAY PROBLEM



1 to 2 hours valuable laboratory time is saved when you use TRABASE. Then, too, the cost is but a fraction of Vulcanite or Metal Trays.

### CHECK THESE FEATURES

1. TRABASE is high fusing and will not distort from mouth temperature or LOW HEAT COMPOUND.
2. Additional material can be added if over-trimmed.
3. Easily adapted with Bunsen Burner in 10 minutes.
4. No waiting for processing—save 1 to 2 hours laboratory time.
5. Costs less than 15c each.
6. Double thickness assures strength and rigidity.

Order from your dealer — Money Back Guarantee

ACKERMAN DENTAL MFG. CO.  
Santa Monica, California

## Crescent Webbed POLISHERS



supplied for **ANGLE**  
or **STRAIGHT** handpieces

• Webs retain abrasive while in motion, avoiding splash or spray

• They are smooth and gentle, yet powerful

• Webs provide greater, more effective polishing surface

• Permanently mounted—will not slip off.



Pat. Sept. 14, 1937

CRESCENT DENTAL MFG. CO.  
1839 S. Crawford Ave CHICAGO

*For the easy way to . . .*

- **REPLACE BROKEN TEETH**
- **REPAIR FRACTURES**
- IN ACRYLIC DENTURES**

*Quickly . . . Accurately . . . Permanently*

use

## FIX-ACRYL

REG. U. S. PAT. OFF.

AN ACRYLIC INSTANT REPAIR COMPOUND  
a powder and liquid

**PRICE \$2.00 PER PACKAGE**

For More Than 100 Repairs

**100% SATISFACTION GUARANTEED OR MONEY-BACK**

**SPECIAL TRIAL OFFER**

FOR A LIMITED TIME ONLY . . .

Send 25c in coin for a generous sample

Try it . . . you will find you've made a discovery!

**CORALITE DENTAL PRODUCTS COMPANY**  
185 NORTH WABASH AVE. • CHICAGO 1, ILLINOIS



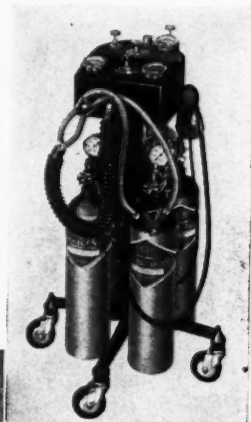
# THE NEEDS OF WAR COME *First*

Great as is our desire to supply you with new anesthesia and analgesia apparatus, this desire must stand aside for the demands of war. Because of these demands and the limited supply of critical materials, the number of

## Heidbrink Simplex

machines for administering nitrous-oxid is limited.

Your present gas machine must meet not only your average normal use, but also take care of the increased load which today's conditions create. It is imperative, then, that you keep your gas apparatus in top-notch condition. Your Ohio representative is ready to assist you in this by checking your gas machine the next time he calls. He'll make minor repairs on the spot. Major repairs will be made at one of our repair stations which provide nation-wide service.



**THE OHIO CHEMICAL & MFG. CO.**

*Pioneers and Specialists in Gases and Equipment  
for Anesthesia, Therapy, Aviation, and Research*

1177 MARQUETTE STREET, CLEVELAND, OHIO

Branches in all Principal Cities

# Commendable



Deception in this instance is commendable. For, Densene is definitely not the usual "Popular Pink" concept of oral tissue. It's color-tone and texture duplicate (rather than imitate) the appearance of living tissue in the mouth.

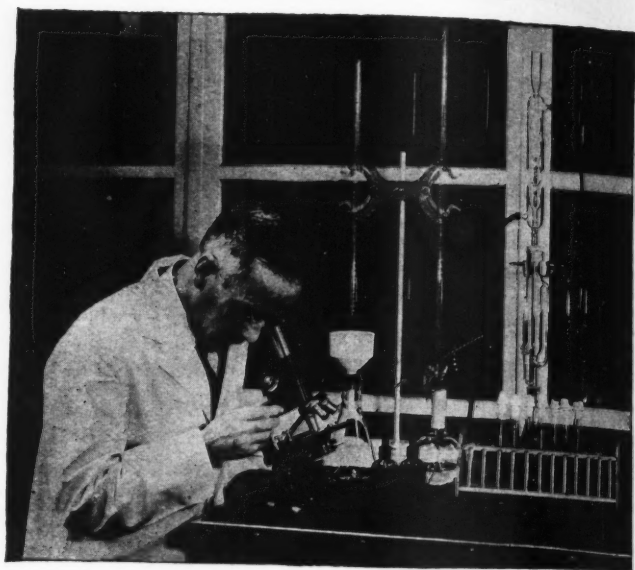


COSMOS DENTAL PRODUCTS COMPANY, INC., NEW YORK

*deceptive...*



*Dense*



**FASTEETH**  
*Alkaline DE* **PO**

# AIDS YOUR PATIENTS IN DENTURE RETENTION

The function of a good denture powder is not to "stick" the plate in the mouth, but to help maintain the peripheral seal which is a fundamental necessity for denture retention.

FASTEETH is made from a carefully blended combination of gums designed to make it cohesive rather than adhesive. Thus, FASTEETH is not "mucilaginous" in function.

FASTEETH is alkaline and its alkalinity helps to prevent liquefaction by salivary acids. FASTEETH does not seep out readily from under the plate.

These are among the reasons why so many Dentists choose FASTEETH to give their patients longer and more pleasant aid while learning to wear an artificial denture.

*Alkalinity Helps*

**FASTEETH**  
e DE  
POWDER

Clark-Cleveland, Inc.  
Binghamton, N. Y.

OH-9

Gentlemen:

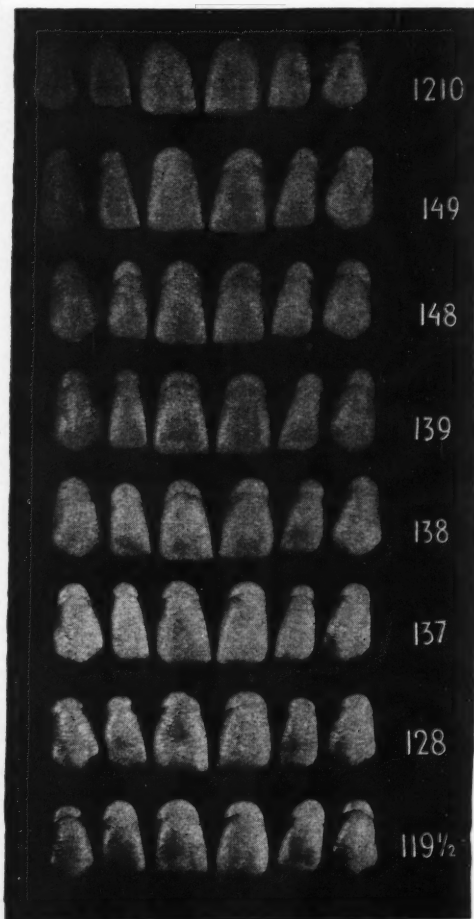
Please send professional samples of Fasteeth.

Dr. ....  
.....  
.....

# BIODENT ACRYLIC VENEERS

**Now available in POSTERIORs and ANTERIORs,  
in 16 MOLDS, in New Hue, Twentieth Century and Myerson Shades.**

Introduced to dentistry only a few months ago, these amazingly natural and unusually strong "tooth masks" are already being used routinely in hundreds of dental offices.



Construction of acrylic jacket crowns or bridge units is greatly simplified with this wonderful innovation. Merely select the size, typal form and shade desired, follow the very simple technic, and you will have a restoration with which your patient will be well pleased. Biodent Acrylic Veneers help you to achieve far better results.

*If your dealer cannot supply you, please write us.*

**UNION  
BROACH CO.**

**37 West 20th St.  
NEW YORK, N. Y.**

DENTIS  
polish  
statem

US: Y  
conduc  
identica  
But be  
these  
Packag

US: It  
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scientific  
of Peps  
will tak  
any of  
send fo

# Here's How You Can Prove Pepsodent Polishes Teeth Far Brighter

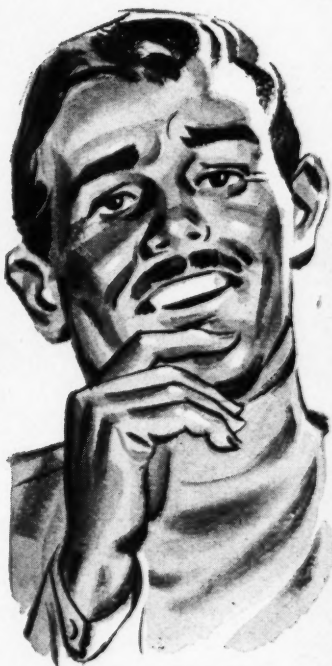


**DENTIST:** Your ad says that Pepsodent Powder polishes teeth *far brighter*. That's a strong statement. Can you back it up with proof?

**US:** Yes, and *you* can prove it yourself, by conducting tests in your own dental chair on identical teeth under identical circumstances. But because we know you dentists are busy these days, we've prepared a special "Proof Package" to save you time.



**US:** It contains two short booklets describing the famous Twin Tests as well as the earlier scientific research—practical, believable proof of Pepsodent's superior polishing ability. They will take only a few minutes to read. And if any of your friends are interested, ask them to send for their free copies.



The Pepsodent Company, Dept. 8409  
141 W. Jackson Blvd., Chicago, Illinois

Please send me gratis:

- ☐ "Seeing Double—A True Story About Identical Twins."
- ☐ "Lustre Production by Tooth Powders."

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

**THANK YOU, DOCTOR,** for your continued support of Pepsodent products. Although war-time restrictions keep us from sending you samples, you will again receive them as soon as production permits.

**THE PEPSODENT COMPANY**



# Petralit

## **SPECIAL:**

The PETRALIT 4/2 Plus Package contains:

4 Full Size Powders

2 Liquids

1 Premier Cavity Lining

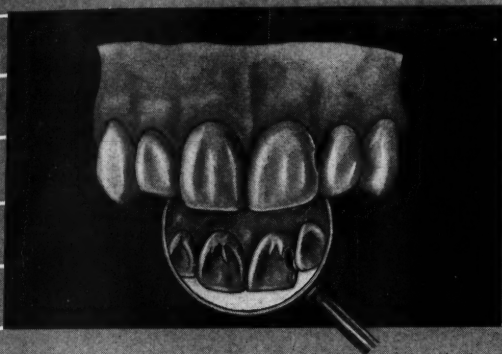
**\$11.00**

Special Package available only  
until October 31, 1943



PETRALIT

# for proximals



Petralit is used extensively for anterior proximal fillings where strength and durability are preferred to translucency.

Although the translucency of Petralit can be simulated by the addition of shade #5 Gray, Petralit is not as translucent as synthetic porcelain.

In the selection of an anterior filling material the operator must exercise his judgment by weighing the advantages and

disadvantages of different media. Each case is different.

Petralit fillings are hard and durable. They lack full translucency but throughout the years they neither discolor nor tend to disintegrate.

If the proximal cavity is prepared from the lingual surface, with only a margin showing on the labial, Petralit is most satisfactory.

★ ★ ★ ★ ★ ★

PRELUDAL PRODUCTS COMPANY • Est. 1913 • PHILADELPHIA, PA.



## DOING IT THE HARD WAY..

Away back in the rough and ready days of dentistry, the "string and door" method of tooth extraction was often considered less of an evil than a visit to the dentist.

Today even the smallest child patient looks upon the dentist as a friend. And the most apprehensive adult patient has his fears allayed by the knowledge that a good sedative and analgesic will ease the discomfort of pain.

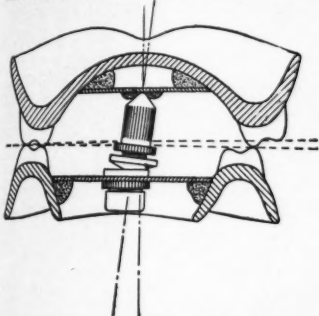
Many dentists have found in Peralga the kind of preparation that will do just that. Its combined sedative (barbital) and pain relieving (acetophenetidin and aspirin) action admirably fits it for use pre- or post-operatively, whenever it is a question of overcoming mental fear and physical pain.

You may obtain a trial supply of Peralga on request.

**PERALGA** SCHERING & GLATZ, INC.  
113 West 18th Street, New York City

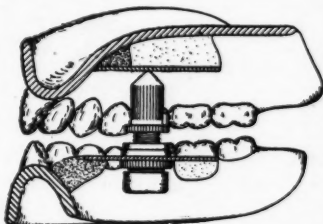
## PRECISION EASY and SIMPLE

... for better health, comfort, and function . . . that's the part the Coordinator plays in producing balanced functional occlusion.



Posterior view showing lateral relationship of teeth ground to balance and function. Note opening of dentition caused by action of coordinator to compensate for the cusp rise.

The sketches show the mechanics of the Coordinator, and tell the story of an amazing technique.



Side view showing dentures brought into centric occlusion. Premature contacts can be easily detected and any errors corrected.

*Method and apparatus patents pending.*

**THE COORDINATOR COMPANY**

New Ulm, Minnesota



"it's a

**Grand Tooth Brush"**

- Ideal in design for the Charter's method of interdental cleansing and for gum stimulation.
- Extra long handle keeps the fingers out of the mouth.
- Cu-Lon\* bristle. One stiff texture only. Holds its shape longer.

**Use coupon today**

Your name stamped in gold on this personal sample. Get full details of this remarkable brush with price quotations for office dispensation. (Send 20c for sample brush to cover mailing cost).

\*(Trade name)

**THE CUTINO COMPANY, 807 Wyandotte St.  
Kansas City, Missouri**

For enclosed—cents, please send—Q-T-NO  
Model D Brushes—row. (No more than 2 at  
20-cent price each.)  
(Specify 2 Row, 3 Row, Junior Childs)  
Please also send data and price list.

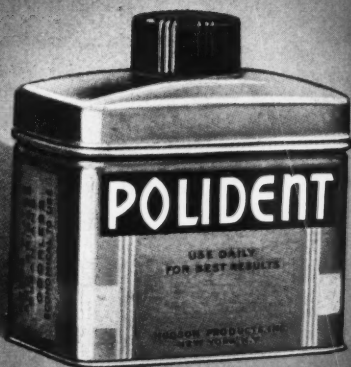
Dr. ....

Address .....

Druggist .....

APPROVED AND ACCEPTED BY  
THE INDUSTRY'S LEADERS

VERNONITE



No. 2 of a series

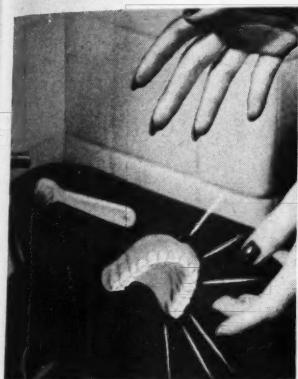
## All approve **POLIDENT** for safe brushless cleansing of acrylic resin restorations

To safely prevent mucin-film, stains, tarnish from deadening the beautiful lively color of Vernonite and other acrylic restorations, makers of these products approve daily use of Polident. Take their expert and considered advice. Your patients will delight in the easy way Polident cleans and polishes plates like new—*without brushing*—harmlessly dissolves away discoloration and odors.

FOR SAMPLES write Hudson Products Inc., 8 High Street, Jersey City, N. J.

*\* After being subjected to long-time tests, Polident won positive approval by this and other leading makers of denture materials; is one of the denture cleansers they accept and approve.*

# Danger of Breaking and Chipping Dental Plates



*Should be pointed out to every Patient as a part of Professional Service*

Seven out of 10 denture wearers who have broken or chipped their dentures say the breakage occurred when they *dropped* them. A third of all denture wearers say they *worry* a good deal about breaking their dentures. These facts were revealed in an independent national survey of known denture wearers.

No wonder millions of denture wearers call POLIDENT a blessing—since this *soaking* method eliminates most of the handling and danger of dropping, involved in *brushing* dental plates.

## *Brushing with Makeshift Cleaners may Ruin the Costly Denture*



As a matter of service, the dentist owes it to his denture patient to tell her also, that brushing with abrasive makeshift cleaners (not intended for dentures) may ruin her expensive dental plate by wearing down the "fitting ridges" and scratching the polished surfaces.

"Play safe . . . use Polident" is good "follow through" advice to give the patient as she leaves the chair with her new denture—advice that will be appreciated for many years to come.

Write for Supply of Free Samples:  
Hudson Products, Inc., Dept. 1-J,  
8 High Street, Jersey City, N. J.

**POLIDENT**  
The Safe, Modern Way to Keep  
Dentures Clean

### APPROVED

Polident is approved and accepted by the leading makers of Acrylic Resin denture materials.



# Calcium

"the element most likely to be deficient in the American dietary."

Macy, I. G.: Principal Mineral Elements in Nutrition, Jnl. A. M. A., Sept. 5, 1942.

Macy further states, "the lack of sufficient quantities of the mineral may have serious consequence on the longevity and fruition of the race. 99% of the calcium used by the body is concerned in bone and tooth structure, the remainder with the body fluids and soft tissues."

This fault in the general nutrition, widespread as it is, has an efficient and economical means of correction in CALIRAD WAFERS.

In CALIRAD WAFERS, calcium and phosphorus are combined in optimum ratio—1.625 to 1—with the essential vitamin D.

**Especially indicated for pregnant and nursing mothers, growing children, and calcium-depleted adults**



**VITAMIN D<sub>3</sub>  
makes CALIRAD different!**

CALIRAD WAFERS are the only calcium therapy employing Crystalline Vitamin D<sub>3</sub> which has the full antirachitic value of the animal vitamin D found in fish liver oils.

## CALIRAD WAFERS

Reg. U.S. Pat. Off.

WITH  
VITAMIN D<sub>3</sub>

**WINTHROP CHEMICAL COMPANY, INC.**

Pharmaceuticals of merit for the physician

NEW YORK, N. Y.

WINDSOR, ONT.



*For every polishing job*

**FRENCH'S**  
*"Snow-White"*  
**PUMICE**

An "All-American" Product

**THIS IS THE PUMICE** you need for the meticulous polishing tasks of your dental office or laboratory. Pure white and free from every impurity, you'll find French's "Snow-White" Pumice a highly effective, fast-cutting natural abrasive. Superior to the finest Italian Pumice, "Snow-White" is mined, ground and manufactured in this country. Available in nine grades—from very fine to very coarse.

**TEST THIS** top-quality Pumice at our expense. If you'll send us a little of the pumice you are now using, so that we may match the grade, we'll send you, free of charge, a sample of "Snow-White" for testing in your own office.

**SAMUEL H. FRENCH**  
**AND COMPANY**

*Plaster Manufacturers Since 1844*

475-477 YORK AVENUE • PHILADELPHIA 23, PA., U. S. A.



**IMPROVED**  
**FOR**  
**SIMPLICITY**  
**AND**  
**PREDETERMINED**  
**R E S U L T S !**

**No Processing** . . . Ready to use from the tube. No mixing, no heating, no guesswork.

**Color** . . . for perfect blending with the denture base.

**Simplified Technique** . . . involving only about 20 minutes chair time.

**Not A Casting Material** . . . The original adaptation is from the patient's mouth direct.

**Fitting The Denture** is merely a "trial bite" for the patient.

**Every Delicate Detail** of tissue formation is faithfully recorded.

**Subsequent Corrections** made easy to meet tissue changes.

**AT LOW COST TO YOU**

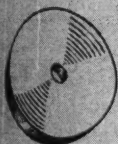
**\$10. per Tube** . . . Less than one dollar per Liner.

*Order Through your Dealer or Write Direct for Details.*

**CRAIG DENTAL PRODUCTS INC.**  
185 N. WABASH AVE. (Of Illinois) CHICAGO, U. S. A.

VLY  
T

*gentle, efficient*  
**POLISHING**  
*and*  
**CLEANING**



**"CHROME" WHEELS**

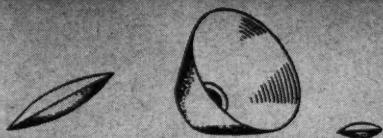
Now — after a long period of testing — Martin presents a fine new polishing wheel, made with a large percentage of a special abrasive, remarkably effective for polishing stainless steel, alloy and even precious metal restorations. "Chrome" Wheels leave a satin-smooth surface, free from scratches. A special Clasp Polisher, bullet-shaped, made of the same material as "Chrome" Wheels is also available.

"Chrome" Wheels ..... \$4.00 for 100  
Clasp Polishers ..... \$4.25 per 100

**POLISHING WHEELS**

Martin Polishing Wheels, made of fine grade rubber and a gentle abrasive, produce a mirror-like polish on the finest gold and other precision metal dentures. They are flexible . . . they polish thoroughly, gently.

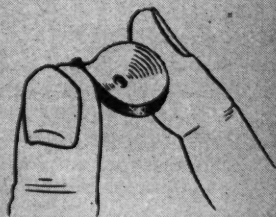
Box of 100 — \$2.75



**Tepper's STERI-CLEANERS**

Tepper's Steri-Cleaners are scientifically designed to give you the finest possible finish on fillings of all types, they are excellent for cleaning teeth, for they get into every corner of every tooth surface. And — they are particularly effective for polishing inlays and other precious metal restorations.

Tepper's Steri-Cleaners polish quickly, there's no loose pumice, because the pumice is incorporated in the rubber binder. Available in boxes of Discs, Cups and Juniors at \$1.00 a box. Order through your dealer.



**MARTIN**  
**RUBBER**  
**COMPANY**  
**INC.**

**LONG BRANCH, N. J.**

# IF.



**IF** you want to KNOW rather than depend upon appearances and what patients say, suggest full-mouth x-rays. Patients can't tell, oftentimes don't even suspect actualities. It is not uncommon for radiographs to reveal impactions when patients insist their teeth were extracted!

You can *See and show your patients* buried root fragments, fractures, cysts, areas of residual infection, etc., etc., with sharp, clearly detailed Minimax Films. The accuracy and brilliance of Minimax x-rays is an important factor in diagnosis *and* winning the confidence of patients. Interpretation is easier because Minimax radiographs are full-detailed.

MINIMAX LOW PRICES 1 Gross 4 Doz.			
TOOZ, Regular Slow.....	\$3.50	\$1.25	
TOOZ, Int. Blue Base.....	4.75	1.80	
Singles, Regular Slow "RS" ..	2.25	.80	
Singles, Int. Blue Base "BS" ..	3.00	1.10	
Doubles, Regular Slow "RD" ..	2.75	1.00	
Doubles, Int. Blue Base "BD" ..	3.75	1.35	

Prices subject to change without notice

**Minimax**  
Superior Products

X-Ray Film—Amalgam Alloy  
—Anesthetic Solutions

For your convenience Minimax quality films are made in 3 types: TooZ, the 2-in-1 film for taking two different pictures of the same or different areas; Doubles, for duplicate pictures of an area; Singles for single radiographs. *For the duration*, each are supplied in 2 Emulsions: Regular Slow, and Intermediate Blue Base.

**THE MINIMAX CO.**  
MEDICAL & DENTAL ARTS BLDG., CHICAGO

279 WALNUT ST.  
ST. PAUL, MINNESOTA

# COLOR MATCHING

*is as Simple as*

Matching natural tooth color is no problem when Hue-lon is used. The Caulk shade guide and the 15 matching Hue-lon powders are quick and easy to use—results positive and accurate.

Dentists and laboratory technicians all over the country agree that Hue-lon is one of the big advances in the science of esthetic dentistry. *It is the completely lifelike material for crowns, bridges, inlays.*

Hue-lon is tough—not brittle. Hue-lon is hard—does not scratch easily. Hue-lon is rigid—does not bend under mastication.

Processing is easy with Hue-lon. There is no guesswork. Hue-lon does not require special equipment. Standard laboratories have all the equipment necessary to process Hue-lon. Full equipment Hue-lon packages are available for dentists who wish to make their own inlays.



*The Caulk Hue-lon Shade Guide, with these 15 Shade Matching Guides, enables you to match restorations.*



FOR MODERN MATERIALS CALL ON

**Caulk**  
MILFORD, DELAWARE

*Today...*

**MORE DENTISTS ACHIEVE**

*Finer Radiographs*

**THAN EVER BEFORE!**

*Today...*

**MORE THAN EVER BEFORE —**

**MORE DENTISTS ARE USING . . .**



**X-RAY  
SOLUTIONS**

**DUPONT**

**X-RAY FILMS**

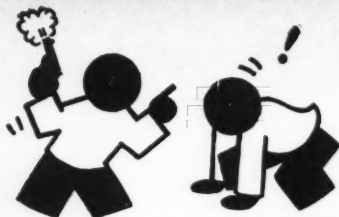
... because, today, exacting conditions leave no room for doubt. That's why x-ray technicians have come to depend on DUPONT X-RAY FILMS and FR X-RAY SOLUTIONS for the absolute in clarity and detail; quickly and efficiently. Start today, specify DUPONT and FR every time.

**PINK-ROSELIEVE CO., Inc., MEDICAL-DENTAL DIVISION**  
109 WEST 64th STREET, NEW YORK CITY • CHICAGO



**MANUFACTURERS  
DISTRIBUTORS**





4 oz.  
GLASS JAR  
\$1.

# START USING Crescent STOPPING



- MADE OF BEST GUTTA PERCHA
- IS NOT MEDICATED
- WILL NOT IRRITATE TISSUE
- LEAVES NO TASTE IN MOUTH

CRESCENT DENTAL MFG. CO.  
1839 S. Crawford Ave., CHICAGO

For Partial Dentures

Use **BROWN**

*Precision*

ATTACHMENTS

Standard for 23 Years



Proximal Contact	(In Two Types)	Plain
Cat. No.	Size	Shank Cat. No.
327	.085" x .025"	(Flat) None
321	.096" x .036"	(Flat) 312
322	.115" x .036"	(Flat) 315
323	.125" x .036"	(Flat) 313
324	.150" x .036"	(Flat) 305
325	.175" x .040"	(Flat) 316
None	.102" x .052"	(Oval) 304
None	.058" Dia.	(Round) 301
None	.064" Dia.	(Round) 302
None	.071" Dia.	(Round) 303

Proximal Contact  
Type

Strong • Easy Adjustable • Springy  
Round — \$9.00 ea. Flat & Oval — \$10.00 ea. complete  
Size Chart and Technical Literature on Request  
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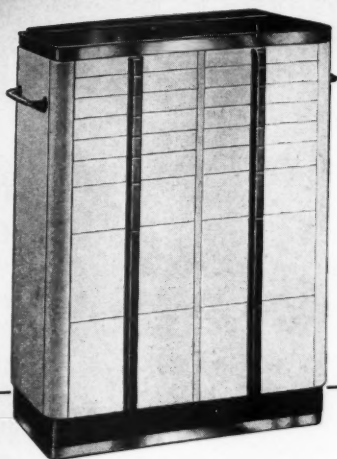
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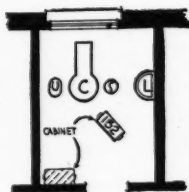
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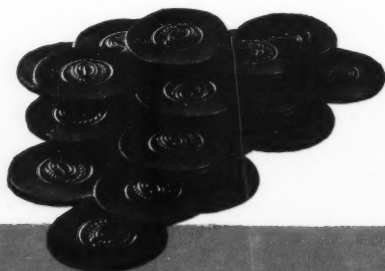
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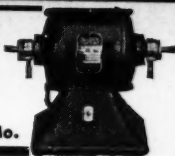
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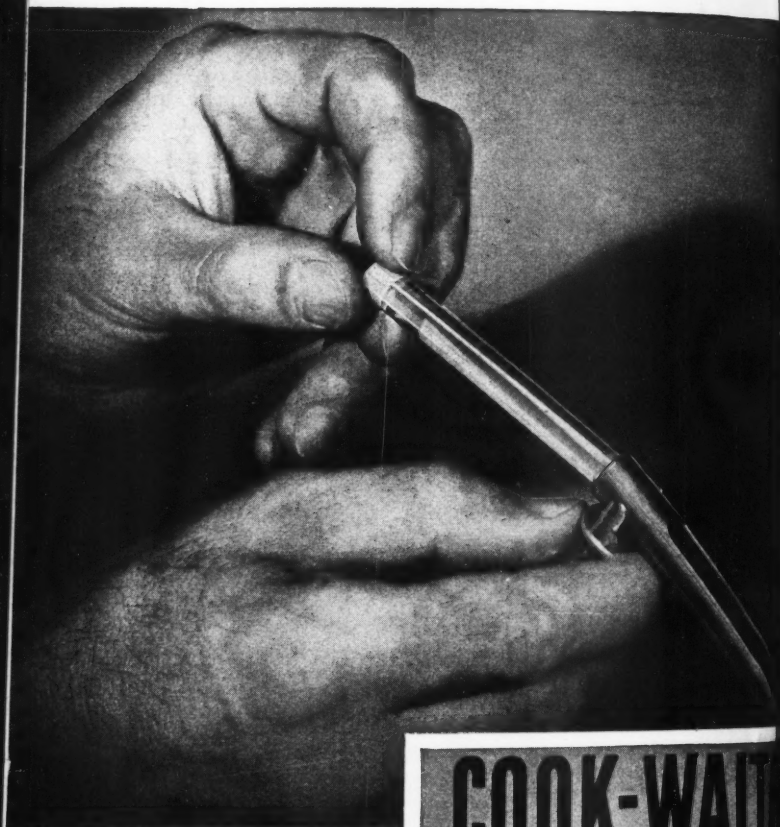
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# WHO'S WHO AND WHERE

Although we aim for accuracy in this index, last minute changes often alter page numbers and positions.

Abbott Laboratories	1312
Ackerman Dental Mfg. Co.	1316
Acralite Co., Inc.	1254-55
Alkalol Co.	1296
American Cabinet Co.	1339
American Can Co.	1314
American Chiclé Co.	1257
American Sterilizer Co.	1259
Anacin Co.	Insert
Austenal Laboratories, Inc.	1270-71
Baldor Electric Co.	1343
Baker & Co., Inc.	Insert
Bard-Parker Co., Inc.	1297
Bendick Co.	1304
Bosworth Co., Harry J.	1272
Bristol-Myers Co.	1202—4th cover
Burton Mfg. Co.	1313
Butler Co., John O.	1292
Camel Cigarettes	1206-1207
Castle Co., Willmot	1347
Caulk Co., The L. D.	1286-87, 1336
Chicago Wheel & Mfg. Co.	1294
Clark-Cleveland, Inc.	1320-21
Cleveland Dental Mfg. Co.	2nd cover
Coe Laboratories, Inc.	1211
Columbia Dentoform Corp.	1338
Columbus Dental Mfg. Co.	1295
Cook-Waite Laboratories, Inc.	1344-45
Co-Oral-Itte Dental Mfg. Co.	1304
Coordinator Co.	1327
Coralite Dental Mfg. Co.	1316
Corega Chemical Co.	1311
Cosmos Dental Products, Inc.	1318-19
Cratex Mfg. Co.	1346
Craig Dental Products, Inc.	1332
Crescent Dental Mfg. Co.	1316, 1338, 1342-43
Cutino Co.	1327
Dee & Co., Thomas J.	1298
Dental Perfection Co.	1275
Denticator Co.	1346
Dentists' Supply Co., The	1204-05, 1302-03
Dentyne Gum	1257
Dewey School of Orthodontia	1342
Drucker Co., August E.	1305
DuPont de Nemours & Co., Inc.	1252-53 (Plastics Dept.)
Durallium Products Corp.	1306
Fink-Roselieve Co., Inc.	1337
Fischer & Co., H. G.	1304
Fleer Corp., Frank H.	1273
Forhan Co.	1218
French & Co., Samuel H.	1331
Garhart Dental Specialty Co.	1274
Gebauer Chemical Co.	1258
General Electric X-Ray Corp.	1199
Getz Co., William	1307, 1315
Glazbrook Bros.	1338
Hanau Engineering Co., Inc.	1308
Hoffmann-LaRoche, Inc.	1195
Huppert, K. H.	1296
Hudson Products, Inc.	1328-29

Ideal Tooth Inc.	1282-83, 1290-91
Iteco Dental Mfg. Co.	1290
Ivory, J. W.	1290
Jelenko & Co., Inc., J. F.	1290
Johnson & Johnson	1290
Justi & Son, Inc., H. D.	1196
Kerr Dental Mfg. Co.	1209, 1290
Kolynos Co.	1290
Konformax Laboratories, Inc.	1290
Martin Rubber Co.	1290
Masel Co., Isaac	1290
Master Metal Products, Inc.	1290
McKesson Appliance Co.	1290
McKesson & Robbins, Inc.	1300
Minimax Co.	1290
Mizzy, Inc.	1270
Morgans, Hastings & Co.	1290
Morris Ltd., Philip	1290
Moyer Co., J. Bird	1290
Mullen Bros.	1290
Ney Co., J. M.	1280
Num Specialty Co.	1290
Ohio Chemical & Mfg. Co.	1290
Parisien Chemical Co., Inc.	1290
Pelton & Crane Co., The	1290
Pepsodent Co.	1290
Pfingst, A.	1290
Polident	1290
Premier Dental Products, Inc.	1290
Procter & Gamble	1290
Prometheus Electric Corp.	1290
Ransom & Randolph Co.	1300
Reynolds Tobacco Co., R. J.	1290
Ritter Co., Inc.	1290
Rockland Dental Co., Inc.	1258-59
Rorer, Inc., William H.	1290
Schering & Glatz, Inc.	1290
Schneider Dental Lab'y., M. W.	1290
Sharp & Dohme	1290
Silvodont Co.	1290
Smith & Son Mfg. Co., Lee S.	1343, 1349, 1350
Sprague & Co., J. A.	1290
Spyco Smelting & Refining Co., 3rd	1290
Squibb & Sons, E. R.	1290
Star Dental Mfg. Co.	1290
Sterile Products Co.	1290
Stimulents, Inc.	1290
Ticonium	1290
Torit Mfg. Co.	1290
Union Broach Co., Inc.	1290
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Vernon-Benshoff Co.	1290
Wander Co.	1290
Wernet Dental Mfg. Co.	1290
White Dental Mfg. Co., The S. S.	1290
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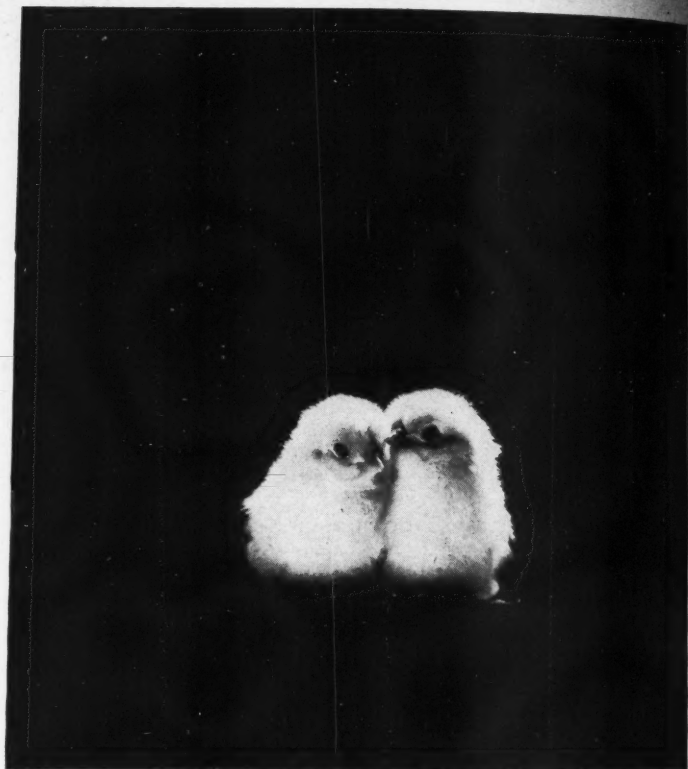
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